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# DOMINION BUREAU OF STATISTICS

OTTAWA - CANADA

Published by Authority of the Rt. Hon. C. D. Howe, Minister of Trade and Commerce



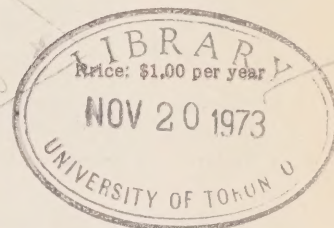
Memorandum

*Electric power statistics*

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January, 1955



## CENTRAL ELECTRIC STATIONS

Vol. 23, No. 1 - 12

-34

Month	Total Production			Consumption of Primary Power		
	1953	1954	1955	1953	1954	1955
Daily Averages (Thousands of Kilowatt Hours)						
January .....	182,469	x 181,724	212,969	164,711	x 173,515	188,775
February .....	x 187,680	x 184,015		x 167,181	x 174,062	
March .....	x 186,444	x 185,991		x 165,528	x 173,932	
April .....	x 191,373	x 188,424		x 163,072	x 170,189	
May .....	x 185,717	x 191,243		x 159,815	x 166,987	
June .....	175,484	x 189,162		159,691	x 167,841	
July .....	167,120	x 176,719		153,980	x 160,253	
August .....	164,172	x 175,715		154,254	x 163,182	
September .....	169,623	183,660		x 161,896	170,362	
October .....	177,739	197,783		167,191	175,500	
November .....	x 181,595	206,871		x 171,346	183,475	
December .....	184,468	211,490		171,142	187,062	
INDEX NUMBERS — Seasonally adjusted (Average 1935 — 1939 = 100)						
January .....	250.5	249.4	292.3	330.6	348.3	378.9
February .....	252.5	247.6		335.1	348.9	
March .....	254.3	253.7		337.4	354.5	
April .....	268.8	264.6		x 338.0	352.7	
May .....	x 265.0	272.9		x 334.7	349.8	
June .....	253.6	273.4		333.9	351.0	
July .....	254.7	269.3		333.6	347.2	
August .....	243.0	x 260.1		327.0	x 346.0	
September .....	241.8	261.8		x 330.3	347.6	
October .....	241.1	268.3		328.8	345.1	
November .....	x 235.2	267.9		x 331.4	354.9	
December .....	246.6	282.7		346.1	371.8	

x Revised

8504-509  
15-3-55

Prepared in the Public Finance and Transportation Division



# CENTRAL ELECTRIC STATIONS

(Thousand Kilowatt Hours)

Month of January, 1955.

		CANADA		NEWFOUNDLAND	
		1955	x 1954	1955	1954
A.	Production - Hydraulic .....	6,347,309	5,066,001	35,441	20,571
B.	Thermal .....	254,716	567,448	5,403	1
C.	Total .....	6,602,025	5,633,449	40,844	20,572
D.	Primary .....	5,976,212	5,464,749	40,844	20,572
E.	Secondary .....	625,813	168,700	-	-
F.	Receipts - from other Provinces .....	-	-	-	-
G.	Deliveries - to other Provinces .....	-	-	-	-
H.	Imports - from U.S.A. Total .....	3,373	33,941	-	-
I.	Primary .....	3,373	33,941	-	-
J.	Secondary .....	-	-	-	-
K.	Exports - to U.S.A. Total .....	375,907	137,780	-	-
L.	Primary .....	127,574	119,737	-	-
M.	Secondary .....	248,333	18,043	-	-
N.	Consumption (C+F+H-G-K) Total .....	6,229,491	5,529,610	40,844	20,572
O.	Primary .....	5,852,011	5,378,953	40,844	20,572
P.	Secondary .....	377,480	150,657	-	-
Cumulative Totals - January -					
C.	Production - Total .....				
D.	Primary .....				
E.	Secondary .....				
F.	Receipts - from other Provinces .....				
G.	Deliveries - to other Provinces .....				
H.	Imports - from U.S.A. Total .....				
I.	Primary .....				
J.	Secondary .....				
K.	Exports - to U.S.A. Total .....				
L.	Primary .....				
M.	Secondary .....				
N.	Consumption (C+F+H-G-K) Total .....				
O.	Primary .....				
P.	Secondary .....				
ONTARIO					
A.	Production - Hydraulic .....	2,188,691	1,384,817	281,457	274,280
B.	Thermal .....	15,897	344,584	788	-
C.	Total .....	2,204,588	1,729,401	282,245	274,280
D.	Primary .....	1,891,204	1,673,173	239,443	232,857
E.	Secondary .....	313,384	56,228	42,802	41,423
F.	Receipts - from other Provinces .....	336,139	347,294	52,681	49,309
G.	Deliveries - to other Provinces .....	1,092	1,029	11,870	12,060
H.	Imports - from U.S.A. Total .....	3,166	33,228	-	-
I.	Primary .....	3,166	33,228	-	-
J.	Secondary .....	-	-	-	-
K.	Exports - to U.S.A. Total .....	302,839	65,538	1	1
L.	Primary .....	57,466	52,474	1	1
M.	Secondary .....	245,373	13,064	-	-
N.	Consumption (C+F+H-G-K) Total .....	2,239,962	2,043,356	323,055	311,528
O.	Primary .....	2,171,951	2,000,192	280,253	270,105
P.	Secondary .....	68,011	43,164	42,802	41,423
Cumulative Totals - January -					
C.	Production - Total .....				
D.	Primary .....				
E.	Secondary .....				
F.	Receipts - from other Provinces .....				
G.	Deliveries - to other Provinces .....				
H.	Imports - from U.S.A. Total .....				
I.	Primary .....				
J.	Secondary .....				
K.	Exports - to U.S.A. Total .....				
L.	Primary .....				
M.	Secondary .....				
N.	Consumption (C+F+H-G-K) Total .....				
O.	Primary .....				
P.	Secondary .....				
MANITOBA					
C.	Production - Total .....				
D.	Primary .....				
E.	Secondary .....				
F.	Receipts - from other Provinces .....				
G.	Deliveries - to other Provinces .....				
H.	Imports - from U.S.A. Total .....				
I.	Primary .....				
J.	Secondary .....				
K.	Exports - to U.S.A. Total .....				
L.	Primary .....				
M.	Secondary .....				
N.	Consumption (C+F+H-G-K) Total .....				
O.	Primary .....				
P.	Secondary .....				

x Revised.

Note: As of January 1955, some additions and deletions were made to the list of reporting companies.

[illegible]



## CENTRAL ELECTRIC STATIONS

(Thousands of Kilowatt Hours)

## PRODUCTION

	1951	1952	1953	1954	1955
January .....	4,786,427	5,268,718	5,656,537	x 5,633,449	6,602,025
February .....	4,377,699	4,969,944	x 5,255,048	x 5,152,431	
March .....	4,912,309	5,217,771	x 5,779,752	x 5,765,717	
April .....	4,897,191	5,030,255	x 5,741,187	x 5,652,708	
May .....	5,131,992	5,334,918	x 5,757,213	x 5,928,546	
June .....	4,708,904	4,986,300	5,264,516	x 5,674,863	
July .....	4,630,320	4,841,336	5,180,727	x 5,478,282	
August .....	4,597,412	4,968,011	5,089,323	x 5,447,179	
September .....	4,405,976	4,993,148	5,088,698	5,509,800	
October .....	4,921,211	5,418,718	5,509,919	6,131,271	
November .....	4,938,270	5,221,355	x 5,447,837	6,206,137	
December .....	5,112,807	5,535,561	5,718,496	6,556,201	

## IMPORTS FROM THE UNITED STATES

January .....	303	88	x 574	33,942	3,373
February .....	162	4,873	x 425	21,938	
March .....	150	3,328	x 940	6,447	
April .....	109	5,164	x 500	23,566	
May .....	147	329	x 264	7,831	
June .....	114	140	x 282	5,330	
July .....	117	137	x 326	1,377	
August .....	140	2,762	x 416	2,680	
September .....	6,102	833	x 65,416	3,060	
October .....	72	50	x 30,584	3,149	
November .....	145	165	x 46,478	4,198	
December .....	115	442	x 32,594	4,117	

## EXPORTS TO THE UNITED STATES

January .....	172,499	210,135	x 215,202	137,781	375,907
February .....	164,805	210,454	x 196,975	130,283	
March .....	220,900	240,115	x 218,409	148,023	
April .....	208,203	236,150	x 235,302	164,845	
May .....	231,344	268,639	x 236,046	213,670	
June .....	224,611	233,819	x 200,262	213,895	
July .....	237,823	202,453	x 209,352	257,964	
August .....	159,726	206,370	x 192,290	223,832	
September .....	134,692	174,137	x 161,634	211,818	
October .....	202,694	173,364	x 190,719	336,109	
November .....	203,736	150,156	x 191,184	321,381	
December .....	214,387	187,241	x 176,655	358,707	

## CONSUMPTION OF PRIMARY POWER

(Production plus Imports less Exports and Secondary Power)

January .....	4,370,086	4,784,385	5,106,043	x 5,378,953	5,852,011
February .....	3,984,239	4,500,020	x 4,681,074	x 4,873,747	
March .....	4,396,928	4,702,447	x 5,131,365	x 5,391,906	
April .....	4,228,887	4,474,730	x 4,892,161	x 5,105,672	
May .....	4,409,091	4,595,893	x 4,954,273	x 5,176,603	
June .....	4,243,426	4,345,595	x 4,790,738	x 5,035,235	
July .....	4,206,158	4,357,670	4,773,393	x 4,967,850	
August .....	4,316,610	4,456,660	4,781,887	x 5,058,630	
September .....	4,149,096	4,570,727	x 4,856,892	5,110,850	
October .....	4,512,485	4,927,204	5,182,932	5,440,515	
November .....	4,472,696	4,804,931	x 5,140,372	5,504,247	
December .....	4,626,360	5,048,084	5,398,403	5,798,928	

x Revised.

# DOMINION BUREAU OF STATISTICS

OTTAWA - CANADA

Published by Authority of the Rt. Hon. C. D. Howe, Minister of Trade and Commerce



Memorandum

Vol. 23, No. 2

February, 1955.

Price: \$1.00 per year

## CENTRAL ELECTRIC STATIONS

Month	Total Production			Consumption of Primary Power		
	1953	1954	1955	1953	1954	1955
Daily Averages (Thousands of Kilowatt Hours)						
January .....	182,469	x 181,724	x 211,683	164,711	x 173,515	x 187,518
February .....	x 187,680	x 184,015	214,182	x 167,181	x 174,062	191,445
March .....	x 186,444	x 185,991		x 165,528	x 173,932	
April .....	x 191,373	x 188,424		x 163,072	x 170,189	
May .....	x 185,717	x 191,243		x 159,815	x 166,987	
June .....	175,484	x 189,162		159,691	x 167,841	
July .....	167,120	x 176,719		153,980	x 160,253	
August .....	164,172	x 175,715		154,254	x 163,182	
September .....	169,623	183,660		x 161,896	170,362	
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May .....	x 265.0	272.9		x 334.7	349.8	
June .....	253.6	273.4		333.9	351.0	
July .....	254.7	269.3		333.6	347.2	
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x Revised

8504-509  
13-4-55

Prepared in the Public Finance and Transportation Division



## CENTRAL ELECTRIC STATIONS

(Thousand Kilowatt Hours)

Month of February, 1955.

		CANADA			NEWFOUNDLAND	
		1955	x	1954	1955	1954
A.	Production - Hydraulic .....	5,775,078		4,703,972	44,653	18,696
B.	Thermal .....	222,007		448,459	2,196	-
C.	Total .....	5,997,085		5,152,431	46,849	18,696
D.	Primary .....	5,477,067		4,953,550	46,849	18,696
E.	Secondary .....	520,018		198,881	-	-
F.	Receipts - from other Provinces .....	-		-	-	-
G.	Deliveries - to other Provinces .....	-		-	-	-
H.	Imports - from U.S.A. Total .....	4,290		21,938	-	-
I.	Primary .....	4,290		21,938	-	-
J.	Secondary .....	-		-	-	-
K.	Exports - to U.S.A. Total .....	330,580		130,283	-	-
L.	Primary .....	120,897		101,741	-	-
M.	Secondary .....	209,683		28,542	-	-
N.	Consumption (C+F+H-G-K) Total .....	5,670,795		5,044,086	46,849	18,696
O.	Primary .....	5,360,460		4,873,747	46,849	18,696
P.	Secondary .....	310,335		170,339	-	-
Cumulative Totals - January - February						
C.	Production - Total .....	12,559,254		10,785,880	87,693	39,268
D.	Primary .....	11,414,227		10,418,299	87,693	39,268
E.	Secondary .....	1,145,027		367,581	-	-
F.	Receipts - from other Provinces .....	-		-	-	-
G.	Deliveries - to other Provinces .....	-		-	-	-
H.	Imports - from U.S.A. Total .....	7,756		55,879	-	-
I.	Primary .....	7,756		55,879	-	-
J.	Secondary .....	-		-	-	-
K.	Exports - to U.S.A. Total .....	706,487		268,063	-	-
L.	Primary .....	248,471		221,478	-	-
M.	Secondary .....	458,016		46,585	-	-
N.	Consumption (C+F+H-G-K) Total .....	11,860,523		10,573,696	87,693	39,268
O.	Primary .....	11,173,512		10,252,700	87,693	39,268
P.	Secondary .....	687,011		320,996	-	-
Ontario						
A.	Production - Hydraulic .....	1,959,597		1,286,184	251,590	250,399
B.	Thermal .....	15,584		264,528	205	2
C.	Total .....	1,975,181		1,550,712	251,795	250,401
D.	Primary .....	1,709,722		1,481,755	218,974	194,643
E.	Secondary .....	265,459		68,957	32,821	55,758
F.	Receipts - from other Provinces .....	346,480		359,262	48,610	45,387
G.	Deliveries - to other Provinces .....	887		786	10,542	13,489
H.	Imports - from U.S.A. Total .....	4,062		21,227	-	-
I.	Primary .....	4,062		21,227	-	-
J.	Secondary .....	-		-	-	-
K.	Exports - to U.S.A. Total .....	261,191		73,370	-	-
L.	Primary .....	54,770		47,989	-	-
M.	Secondary .....	206,421		25,381	-	-
N.	Consumption (C+F+H-G-K) Total .....	2,063,645		1,857,045	289,863	282,299
O.	Primary .....	2,004,607		1,813,469	257,042	226,541
P.	Secondary .....	59,038		43,576	32,821	55,758
Cumulative Totals - January - February						
C.	Production - Total .....	4,179,769		3,280,113	534,040	524,681
D.	Primary .....	3,600,926		3,154,928	458,417	427,500
E.	Secondary .....	578,843		125,185	75,623	97,181
F.	Receipts - from other Provinces .....	682,619		706,556	101,291	94,696
G.	Deliveries - to other Provinces .....	1,979		1,815	22,412	25,549
H.	Imports - from U.S.A. Total .....	7,228		54,455	-	-
I.	Primary .....	7,228		54,455	-	-
J.	Secondary .....	-		-	-	-
K.	Exports - to U.S.A. Total .....	564,030		138,908	1	1
L.	Primary .....	112,236		100,463	1	1
M.	Secondary .....	451,794		38,445	-	-
N.	Consumption (C+F+H-G-K) Total .....	4,303,607		3,900,401	612,918	593,827
O.	Primary .....	4,176,558		3,813,661	537,295	496,646
P.	Secondary .....	127,049		86,740	75,623	97,181

## CENTRAL ELECTRIC STATIONS

Month of February, 1955.

(000 Kw. Hrs.)

PRINCE EDWARD ISLAND		NOVA SCOTIA		NEW BRUNSWICK		QUEBEC		
1955	1954	1955	1954	1955	1954	1955	1954	
7	21	48,039	45,573	46,134	36,931	2,810,238	2,564,912	A.
3,532	2,599	48,176	43,216	22,126	20,325	717	699	B.
3,539	2,620	96,215	88,789	68,260	57,256	2,810,955	2,565,611	C.
3,539	2,620	96,215	88,789	67,004	56,613	2,591,300	2,492,088	D.
-	-	-	-	1,256	643	219,655	73,523	E.
-	-	-	-	792	747	887	804	F.
-	-	-	-	-	18	336,730	346,520	G.
-	-	-	-	-	-	73	22	H.
-	-	-	-	-	-	73	22	I.
-	-	-	-	-	-	-	-	J.
-	-	-	-	4,362	3,130	50,654	52,657	K.
-	-	-	-	3,106	2,487	48,648	50,139	L.
-	-	-	-	1,256	643	2,006	2,518	M.
3,539	2,620	96,215	88,789	64,690	54,855	2,424,531	2,167,260	N.
3,539	2,620	96,215	88,789	64,690	54,855	2,206,882	2,096,255	O.
-	-	-	-	-	-	217,649	71,005	P.
Cumulative Totals - January - February								
7,575	5,680	198,070	188,567	149,206	124,920	5,838,287	5,273,858	C.
7,575	5,680	198,070	188,567	146,393	123,398	5,352,479	5,130,165	D.
-	-	-	-	2,813	1,522	485,808	143,693	E.
-	-	-	-	1,712	1,501	1,979	2,077	F.
-	-	-	-	-	262	661,919	682,508	G.
-	-	-	-	-	-	187	37	H.
-	-	-	-	-	-	187	37	I.
-	-	-	-	-	-	-	-	J.
-	-	-	-	9,641	7,263	102,611	105,050	K.
-	-	-	-	6,828	5,741	99,202	98,432	L.
-	-	-	-	2,813	1,522	3,409	6,613	M.
7,575	5,680	198,070	188,567	141,277	118,896	5,075,923	4,488,414	N.
7,575	5,680	198,070	188,567	141,277	118,896	4,593,524	4,351,339	O.
-	-	-	-	-	-	482,399	137,075	P.
Saskatchewan		Alberta		British Columbia		Yukon - N.W.T.		
48,610	45,387	81,103	60,003	477,690	395,866	7,417		A.
67,203	55,591	54,328	55,337	7,857	6,162	83		B.
115,813	100,978	135,431	115,340	485,547	402,028	7,500	Monthly	C.
115,813	100,978	135,431	115,340	485,547	402,028	6,673	data	D.
-	-	-	-	-	-	827		E.
-	-	1,057	2,532	-	-	-	not	F.
48,610	45,387	-	-	1,057	2,532	-		G.
-	-	-	-	155	689	-	collected	H.
-	-	-	-	155	689	-		I.
-	-	-	-	-	-	-	until	J.
-	-	-	-	14,373	1,126	-		K.
-	-	-	-	14,373	1,126	-	1955	L.
-	-	-	-	-	-	-		M.
67,203	55,591	136,488	117,872	470,272	399,059	7,500		N.
67,203	55,591	136,488	117,872	470,272	399,059	6,673		O.
-	-	-	-	-	-	827		P.
Cumulative Totals - January - February								
242,820	218,243	284,239	257,608	1,021,732	872,942	15,823		C.
242,820	218,243	284,239	257,608	1,021,525	872,942	14,090		D.
-	-	-	-	207	-	1,733		E.
-	-	1,971	5,065	-	-	-		F.
101,291	94,696	-	-	1,971	5,065	-		G.
-	-	-	-	341	1,387	-		H.
-	-	-	-	341	1,387	-		I.
-	-	-	-	-	-	-		J.
-	-	-	-	30,204	16,841	-		K.
-	-	-	-	30,204	16,841	-		L.
-	-	-	-	-	-	-		M.
141,529	123,547	286,210	262,673	989,898	852,423	15,823		N.
141,529	123,547	286,210	262,673	989,691	852,423	14,090		O.
-	-	-	-	207	-	1,733		P.



# CENTRAL ELECTRIC STATIONS (Thousands of Kilowatt Hours)

## PRODUCTION

	1951	1952	1953	1954	1955
January .....	4,786,427	5,268,718	5,656,537	x 5,633,449	x 6,562,169
February .....	4,377,699	4,969,944	x 5,255,048	x 5,152,431	5,997,085
March .....	4,912,309	5,217,771	x 5,779,752	x 5,765,717	
April .....	4,897,191	5,030,255	x 5,741,187	x 5,652,708	
May .....	5,131,992	5,334,918	x 5,757,213	x 5,928,546	
June .....	4,708,904	4,986,300	5,264,516	x 5,674,863	
July .....	4,630,320	4,841,336	5,180,727	x 5,478,282	
August .....	4,597,412	4,968,011	5,089,323	x 5,447,179	
September .....	4,405,976	4,993,148	5,088,698	5,509,800	
October .....	4,921,211	5,418,718	5,509,919	6,131,271	
November .....	4,938,270	5,221,355	x 5,447,837	6,206,137	
December .....	5,112,807	5,535,561	5,718,496	6,556,201	

## IMPORTS FROM THE UNITED STATES

January .....	303	88	x 574	33,942	x 3,466
February .....	162	4,873	x 425	21,938	4,290
March .....	150	3,328	x 940	6,447	
April .....	109	5,164	x 500	23,566	
May .....	147	329	x 264	7,831	
June .....	114	140	x 282	5,330	
July .....	117	137	x 326	1,377	
August .....	140	2,762	x 416	2,680	
September .....	6,102	833	x 65,416	3,060	
October .....	72	50	x 30,584	3,149	
November .....	145	165	x 46,478	4,198	
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January .....	172,497	210,135	x 215,202	137,781	375,907
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March .....	220,900	240,115	x 218,409	148,023	
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August .....	159,726	206,370	x 192,290	223,832	
September .....	134,692	174,137	x 161,634	211,818	
October .....	202,694	173,364	x 190,719	336,109	
November .....	203,736	150,156	x 191,184	321,381	
December .....	214,387	187,241	x 176,655	358,707	

## CONSUMPTION OF PRIMARY POWER

(Production plus Imports less Exports and Secondary Power)

January .....	4,370,086	4,784,385	5,106,043	x 5,378,953	x 5,813,052
February .....	3,754,379	4,500,020	x 4,881,074	x 4,873,747	5,360,460
March .....	4,396,928	4,702,447	x 5,131,365	x 5,391,906	
April .....	4,228,887	4,474,730	x 4,892,161	x 5,105,672	
May .....	4,409,091	4,595,893	x 4,954,273	x 5,176,603	
June .....	4,243,426	4,345,595	x 4,790,738	x 5,035,235	
July .....	4,206,158	4,357,670	4,773,393	x 4,967,850	
August .....	4,316,610	4,456,660	4,731,387	x 5,052,630	
September .....	4,149,096	4,570,727	x 4,856,892	5,110,850	
October .....	4,512,485	4,927,204	5,182,932	5,440,515	
November .....	4,574,448	4,814,111	x 5,121,373	5,504,247	
December .....	4,626,360	5,048,084	5,398,403	5,798,928	

# DOMINION BUREAU OF STATISTICS

OTTAWA - CANADA

Published by Authority of the Rt. Hon. C. D. Howe, Minister of Trade and Commerce



Memorandum

*Electric power statistics*

Vol. 23, No. 3

March, 1955.

Price: \$1.00 per year

## CENTRAL ELECTRIC STATIONS

Month	Total Production			Consumption of Primary Power		
	1953	1954	1955	1953	1954	1955
Daily Averages (Thousands of Kilowatt Hours)						
January .....	182,469	x 181,724	x 211,188	164,711	x 173,515	x 187,023
February .....	x 187,680	x 184,015	x 213,313	x 167,181	x 174,062	x 190,576
March .....	x 186,444	x 185,991	213,387	x 165,528	x 173,932	190,090
April .....	x 191,373	x 188,424		x 163,072	x 170,189	
May .....	x 185,717	x 191,243		x 159,815	x 166,987	
June .....	175,484	x 189,162		159,691	x 167,841	
July .....	167,120	x 176,719		153,980	x 160,253	
August .....	164,172	x 175,715		154,254	x 163,182	
September .....	169,623	183,660		x 161,896	170,362	
October .....	177,739	197,783		167,191	175,500	
November .....	x 181,595	206,871		x 171,346	183,475	
December .....	184,468	211,490		171,142	187,062	
INDEX NUMBERS — Seasonally adjusted (Average 1935 — 1939 = 100)						
January .....	250.5	249.4	x 289.9	330.6	348.3	x 375.4
February .....	252.5	247.6	x 287.0	335.1	348.9	x 382.0
March .....	254.3	253.7	291.0	337.4	354.5	387.5
April .....	268.8	264.6		x 338.0	352.7	
May .....	x 265.0	272.9		x 334.7	349.8	
June .....	253.6	273.4		333.9	351.0	
July .....	254.7	269.3		333.6	347.2	
August .....	243.0	x 260.1		327.0	x 346.0	
September .....	241.8	261.8		x 330.3	347.6	
October .....	241.1	268.3		328.8	345.1	
November .....	x 235.2	267.9		x 331.4	354.9	
December .....	246.6	282.7		346.1	371.8	

x Revised

8504-509-35

Prepared in the Public Finance and Transportation Division



## CENTRAL ELECTRIC STATIONS

(Thousand Kilowatt Hours)

Month of March, 1955.

			CANADA		NEWFOUNDLAND	
			1955	X 1954	1955	1954
A.	Production	— Hydraulic .....	6,373,137	5,455,968	24,628	20,060
B.		Thermal .....	241,858	309,749	119	-
C.		Total .....	6,614,995	5,765,717	24,747	20,060
D.		Primary .....	6,033,577	5,504,013	24,747	20,060
E.		Secondary .....	581,418	261,704	-	-
F.	Receipts	— from other Provinces .....	-	-	-	-
G.	Deliveries	— to other Provinces .....	-	-	-	-
H.	Imports	— from U.S.A. Total .....	5,122	6,447	-	-
I.		Primary .....	5,122	6,447	-	-
J.		Secondary .....	-	-	-	-
K.	Exports	— to U.S.A. Total .....	381,622	148,024	-	-
L.		Primary .....	145,910	118,555	-	-
M.		Secondary .....	235,712	29,469	-	-
N.	Consumption (C+F+H-G-K) Total .....		6,238,495	5,624,141	24,747	20,060
O.		Primary .....	5,892,789	5,391,906	24,747	20,060
P.		Secondary .....	345,706	232,235	-	-
Cumulative Totals — January — March						
C.	Production	— Total .....	19,134,578	16,551,597	72,769	59,328
D.		Primary .....	17,408,133	15,922,312	72,769	59,328
E.		Secondary .....	1,726,445	629,285	-	-
F.	Receipts	— from other Provinces .....	-	-	-	-
G.	Deliveries	— to other Provinces .....	-	-	-	-
H.	Imports	— from U.S.A. Total .....	12,878	62,326	-	-
I.		Primary .....	12,878	62,326	-	-
J.		Secondary .....	-	-	-	-
K.	Exports	— to U.S.A. Total .....	1,088,109	416,087	-	-
L.		Primary .....	394,381	340,033	-	-
M.		Secondary .....	693,728	76,054	-	-
N.	Consumption (C+F+H-G-K) Total .....		18,059,347	16,197,837	72,769	59,328
O.		Primary .....	17,026,630	15,644,606	72,769	59,328
P.		Secondary .....	1,032,717	553,231	-	-
ONTARIO						
A.	Production	— Hydraulic .....	2,151,218	1,620,432	281,557	274,659
B.		Thermal .....	19,277	118,763	87	-
C.		Total .....	2,170,495	1,739,195	281,644	274,659
D.		Primary .....	1,870,314	1,654,037	234,014	210,920
E.		Secondary .....	300,181	85,158	47,630	63,739
F.	Receipts	— from other Provinces .....	426,023	420,042	53,250	47,234
G.	Deliveries	— to other Provinces .....	919	844	12,979	14,916
H.	Imports	— from U.S.A. Total .....	5,013	5,679	-	-
I.		Primary .....	5,013	5,679	-	-
J.		Secondary .....	-	-	-	-
K.	Exports	— to U.S.A. Total .....	291,451	85,034	1	1
L.		Primary .....	58,555	57,689	1	1
M.		Secondary .....	232,896	27,345	-	-
N.	Consumption (C+F+H-G-K) Total .....		2,309,161	2,079,038	321,914	306,976
O.		Primary .....	2,241,876	2,021,225	274,284	243,437
P.		Secondary .....	67,285	57,813	47,630	63,739
Cumulative Totals — January — March						
C.	Production	— Total .....	6,350,264	5,019,308	815,684	799,340
D.		Primary .....	5,471,240	4,808,965	692,431	638,420
E.		Secondary .....	879,024	210,343	123,253	160,920
F.	Receipts	— from other Provinces .....	1,108,642	1,126,598	154,541	141,930
G.	Deliveries	— to other Provinces .....	2,898	2,659	35,391	40,465
H.	Imports	— from U.S.A. Total .....	12,241	60,134	-	-
I.		Primary .....	12,241	60,134	-	-
J.		Secondary .....	-	-	-	-
K.	Exports	— to U.S.A. Total .....	855,481	223,942	2	2
L.		Primary .....	170,791	158,152	2	2
M.		Secondary .....	684,690	65,790	-	-
N.	Consumption (C+F+H-G-K) Total .....		6,012,768	5,979,439	934,832	900,803
O.		Primary .....	6,418,434	5,834,886	811,579	739,883
P.		Secondary .....	194,334	144,553	123,253	160,920

X revised

## CENTRAL ELECTRIC STATIONS

Month of March, 1955.

(000 Kw. Hrs.)

PRINCE EDWARD ISLAND		NOVA SCOTIA		NEW BRUNSWICK		QUEBEC		
1955	1954	1955	1954	1955	1954	1955	1954	
-	20	33,545	53,922	60,576	60,933	3,136,849	2,894,611	A.
3,794	2,797	46,984	43,741	20,514	17,900	303	92	B.
3,794	2,817	82,929	97,663	81,090	78,883	3,137,152	2,894,703	C.
3,794	2,817	82,929	97,663	79,253	76,879	2,906,230	2,783,900	D.
-	-	-	-	1,837	2,004	230,922	110,803	E.
-	-	-	-	967	871	919	844	F.
-	-	-	-	-	-	414,011	405,997	G.
-	-	-	-	-	-	25	15	H.
-	-	-	-	-	-	25	15	I.
-	-	-	-	-	-	-	-	J.
-	-	-	-	5,559	5,726	54,148	55,876	K.
-	-	-	-	3,722	3,722	53,169	55,756	L.
-	-	-	-	1,837	2,004	979	120	M.
3,794	2,817	82,929	97,663	76,498	74,028	2,669,937	2,433,689	N.
3,794	2,817	82,929	97,663	76,498	74,028	2,439,994	2,323,006	O.
-	-	-	-	-	-	229,943	110,683	P.
Cumulative Totals - January - March								
11,369	8,497	280,999	286,230	230,296	203,803	8,975,439	8,168,561	C.
11,369	8,497	280,999	286,230	225,646	200,277	8,208,709	7,914,065	D.
-	-	-	-	4,650	3,526	716,730	254,496	E.
-	-	-	-	2,679	2,372	2,898	2,921	F.
-	-	-	-	-	262	1,075,930	1,088,505	G.
-	-	-	-	-	-	212	52	H.
-	-	-	-	-	-	212	52	I.
-	-	-	-	-	-	-	-	J.
-	-	-	-	15,200	12,989	156,759	160,926	K.
-	-	-	-	10,550	9,463	152,371	154,186	L.
-	-	-	-	4,650	3,526	4,388	6,738	M.
11,369	8,497	280,999	286,230	217,775	192,924	7,745,860	6,922,103	N.
11,369	8,497	280,999	286,230	217,775	192,924	7,033,518	6,074,345	O.
-	-	-	-	-	-	712,342	247,758	P.
SASKATCHEWAN		ALBERTA		BRITISH COLUMBIA		YUKON - N.W.T.		
53,250	47,235	87,028	63,243	536,051	420,853	8,035		A.
73,489	60,338	60,174	59,093	15,031	6,975	86		B.
126,739	107,573	147,202	122,336	551,082	427,828	8,121	Monthly	C.
126,739	107,573	147,202	122,336	551,082	427,828	7,273	data	D.
-	-	-	-	-	-	848		E.
-	-	1,103	2,920	-	-	-	not	F.
53,250	47,234	-	-	1,103	2,920	-		G.
-	-	-	-	84	753	-	Collected	H.
-	-	-	-	84	753	-		I.
-	-	-	-	-	-	-	until	J.
-	-	-	-	30,463	1,387	-		K.
-	-	-	-	30,463	1,387	-	1955	L.
-	-	-	-	-	-	-		M.
73,489	60,339	148,305	125,256	519,600	424,275	8,121		N.
73,489	60,339	148,305	125,256	519,600	424,275	7,273		O.
-	-	-	-	-	-	848		P.
Cumulative Totals - January - March								
369,559	325,816	431,441	379,944	1,572,814	1,300,770	23,944		C.
369,559	325,816	431,441	379,944	1,572,607	1,300,770	21,363		D.
-	-	-	-	207	-	2,581		E.
-	-	3,074	7,985	-	-	-		F.
154,541	141,930	-	-	3,074	7,985	-		G.
-	-	-	-	425	2,140	-		H.
-	-	-	-	425	2,140	-		I.
-	-	-	-	-	-	-		J.
-	-	-	-	60,667	18,228	-		K.
-	-	-	-	60,667	18,218	-		L.
-	-	-	-	-	-	-		M.
215,018	183,886	434,515	387,929	1,509,498	1,276,698	23,944		N.
215,018	183,886	434,515	387,929	1,509,291	1,276,698	21,363		O.
-	-	-	-	207	-	2,581		P.



## CENTRAL ELECTRIC STATIONS

(Thousands of Kilowatt Hours)

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x REVISÉD.

# DOMINION BUREAU OF STATISTICS

OTTAWA - CANADA

Published by Authority of the Rt. Hon. C. D. Howe, Minister of Trade and Commerce



Memorandum

Vol. 23, No. 4

April, 1955.

Price: \$1.00 per year

*Electric power statistics*

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April .....	x 191,373	x 188,424	212,096	x 163,072	x 170,189	183,217
May .....	x 185,717	x 191,243		x 159,815	x 166,987	
June .....	175,484	x 189,162		159,691	x 167,841	
July .....	167,120	x 176,719		153,980	x 160,253	
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x Revised

8504-509-45

Prepared in the Public Finance and Transportation Division



## CENTRAL ELECTRIC STATIONS

(Thousand Kilowatt Hours)

Month of April, 1955

		CANADA		NEWFOUNDLAND	
		1955	* 1954	1955	1954
A.	Production - Hydraulic .....	6,162,572	5,411,799	23,830	19,854
B.	Thermal .....	200,320	240,909	107	-
C.	Total .....	6,362,892	5,652,708	23,937	19,854
D.	Primary .....	5,623,962	5,201,653	23,937	19,854
E.	Secondary .....	738,930	451,055	-	-
F.	Receipts - from other Provinces .....	-	-	-	-
G.	Deliveries - to other Provinces .....	-	-	-	-
H.	Imports - from U.S.A. Total .....	1,060	23,566	-	-
I.	Primary .....	1,060	23,566	-	-
J.	Secondary .....	-	-	-	-
K.	Exports - to U.S.A. Total .....	435,642	164,845	-	-
L.	Primary .....	128,509	119,547	-	-
M.	Secondary .....	307,133	45,298	-	-
N.	Consumption (C+F+H-G-K) Total .....	5,928,310	5,511,429	23,937	19,854
O.	Primary .....	5,496,513	5,105,672	23,937	19,854
P.	Secondary .....	431,797	405,757	-	-
Cumulative Totals - January - April					
C.	Production - Total .....	25,517,470	22,204,305	96,706	79,182
D.	Primary .....	23,052,095	21,123,965	96,706	79,182
E.	Secondary .....	2,465,375	1,080,340	-	-
F.	Receipts - from other Provinces .....	-	-	-	-
G.	Deliveries - to other Provinces .....	-	-	-	-
H.	Imports - from U.S.A. Total .....	13,938	85,892	-	-
I.	Primary .....	13,938	85,892	-	-
J.	Secondary .....	-	-	-	-
K.	Exports - to U.S.A. Total .....	1,523,751	580,932	-	-
L.	Primary .....	522,890	459,580	-	-
M.	Secondary .....	1,000,861	121,352	-	-
N.	Consumption (C+F+H-G-K) Total .....	24,007,657	21,709,266	96,706	79,182
O.	Primary .....	22,543,143	20,750,278	96,706	79,182
P.	Secondary .....	1,464,514	958,988	-	-
		ONTARIO		MANITOBA	
A.	Production - Hydraulic .....	2,124,724	1,553,428	252,203	258,748
B.	Thermal .....	6,278	66,834	8	1,531
C.	Total .....	2,131,002	1,620,262	252,211	260,279
D.	Primary .....	1,758,730	1,523,678	203,479	197,222
E.	Secondary .....	372,272	96,584	48,732	63,057
F.	Receipts - from other Provinces .....	389,942	398,159	46,629	45,785
G.	Deliveries - to other Provinces .....	797	735	13,293	14,754
H.	Imports - from U.S.A. Total .....	823	23,038	-	-
I.	Primary .....	823	23,038	-	-
J.	Secondary .....	-	-	-	-
K.	Exports - to U.S.A. Total .....	362,753	95,225	-	-
L.	Primary .....	57,680	51,179	-	-
M.	Secondary .....	305,073	44,046	-	-
N.	Consumption (C+F+H-G-K) Total .....	2,158,217	1,945,499	285,547	291,310
O.	Primary .....	2,091,018	1,892,961	236,815	228,253
P.	Secondary .....	67,199	52,538	48,732	63,057
Cumulative Totals - January - April					
C.	Production - Total .....	8,481,266	6,639,570	1,067,895	1,059,619
D.	Primary .....	7,229,970	6,332,643	895,910	835,642
E.	Secondary .....	1,251,296	306,927	171,985	223,977
F.	Receipts - from other Provinces .....	1,498,584	1,524,757	201,170	187,715
G.	Deliveries - to other Provinces .....	3,695	3,394	48,684	55,219
H.	Imports - from U.S.A. Total .....	13,064	83,172	-	-
I.	Primary .....	13,064	83,172	-	-
J.	Secondary .....	-	-	-	-
K.	Exports - to U.S.A. Total .....	1,218,234	319,167	2	2
L.	Primary .....	228,471	209,331	2	2
M.	Secondary .....	989,763	109,836	-	-
N.	Consumption (C+F+H-G-K) Total .....	8,770,985	7,924,938	1,220,379	1,192,113
O.	Primary .....	8,509,452	7,727,847	1,048,394	968,136
P.	Secondary .....	261,533	197,091	171,985	223,977

\* Revised.

## CENTRAL ELECTRIC STATIONS

Month of April, 1955

(000 Kw. Hrs.)

PRINCE EDWARD ISLAND		NOVA SCOTIA		NEW BRUNSWICK		QUEBEC		
1955	1954	1955	1954	1955	1954	1955	1954	
2	11	51,708	51,084	54,014	54,691	3,054,476	2,945,651	A.
3,385	2,555	43,176	40,543	17,430	14,984	351	133	B.
3,387	2,566	94,884	91,627	71,444	69,675	3,054,827	2,945,784	C.
3,387	2,566	94,884	91,627	70,246	68,438	2,739,016	2,655,607	D.
-	-	-	-	1,198	1,237	315,811	290,177	E.
-	-	-	-	918	796	797	735	F.
-	-	-	-	-	-	377,567	384,201	G.
-	-	-	-	-	-	50	17	H.
-	-	-	-	-	-	50	17	I.
-	-	-	-	-	-	-	-	J.
-	-	-	-	4,795	4,854	52,361	53,990	K.
-	-	-	-	3,597	3,617	51,499	53,975	L.
-	-	-	-	1,198	1,237	862	15	M.
3,387	2,566	94,884	91,627	67,567	65,617	2,625,746	2,508,345	N.
3,387	2,566	94,884	91,627	67,567	65,617	2,310,797	2,218,183	O.
-	-	-	-	-	-	314,949	290,162	P.
Cumulative Totals - January - April								
14,756	11,063	395,883	377,857	301,740	273,478	12,030,266	11,114,345	C.
14,756	11,063	395,883	377,857	295,892	268,715	10,997,725	10,569,672	D.
-	-	-	-	5,848	4,763	1,032,541	544,673	E.
-	-	-	-	3,597	3,168	3,695	3,656	F.
-	-	-	-	-	262	1,453,497	1,472,706	G.
-	-	-	-	-	-	262	69	H.
-	-	-	-	-	-	262	69	I.
-	-	-	-	-	-	-	-	J.
-	-	-	-	19,995	17,843	209,120	214,916	K.
-	-	-	-	14,147	13,080	203,870	208,163	L.
-	-	-	-	5,848	4,763	5,250	6,753	M.
14,756	11,063	395,883	377,857	285,342	258,541	10,371,606	9,430,448	N.
14,756	11,063	395,883	377,857	285,342	258,541	9,344,315	8,892,528	O.
-	-	-	-	-	-	1,027,291	537,920	P.
SASKATCHEWAN		ALBERTA		BRITISH COLUMBIA		YUKON - N.W.T.		
46,629	45,784	78,711	63,117	469,076	419,431	7,199	Monthly data not collected until 1955	A.
65,212	55,247	49,001	52,862	15,300	6,220	72		B.
111,841	101,031	127,712	115,979	484,376	425,651	7,271		C.
111,841	101,031	127,712	115,979	484,376	425,651	6,354		D.
-	-	-	-	-	-	917		E.
-	-	798	822	-	-	-	not collected until 1955	F.
46,629	45,785	-	-	798	822	-		G.
-	-	-	-	187	511	-		H.
-	-	-	-	187	511	-		I.
-	-	-	-	-	-	-		J.
-	-	-	-	15,733	10,776	-	1955	K.
-	-	-	-	15,733	10,776	-		L.
-	-	-	-	-	-	-		M.
65,212	55,246	128,510	116,801	468,032	414,564	7,271		N.
65,212	55,246	128,510	116,801	468,032	414,564	6,354		O.
-	-	-	-	-	-	917		P.
Cumulative Totals - January - April								
481,400	426,847	559,153	495,923	2,057,190	1,726,421	31,215		C.
481,400	426,847	559,153	495,923	2,056,983	1,726,421	27,717		D.
-	-	-	-	207	-	3,498		E.
-	-	3,872	8,807	-	-	-		F.
201,170	187,715	-	-	3,872	8,807	-		G.
-	-	-	-	612	2,651	-		H.
-	-	-	-	612	2,651	-		I.
-	-	-	-	-	-	-		J.
-	-	-	-	76,400	29,004	-		K.
-	-	-	-	76,400	29,004	-		L.
-	-	-	-	-	-	-		M.
280,230	239,132	563,025	504,730	1,977,530	1,691,262	31,215		N.
280,230	239,132	563,025	504,730	1,977,323	1,691,262	27,717		O.
-	-	-	-	207	-	3,498		P.



CENTRAL ELECTRIC STATIONS  
(Thousands of Kilowatt Hours)

PRODUCTION

	1951	1952	1953	1954	1955
January .....	4,786,427	5,268,718	5,656,537	x 5,633,449	x 6,546,830
February .....	4,377,699	4,969,944	x 5,255,048	x 5,152,431	x 5,972,753
March .....	4,912,309	5,217,771	x 5,779,752	x 5,765,717	x 6,634,995
April .....	4,897,191	5,030,255	x 5,741,187	x 5,652,708	6,362,892
May .....	5,131,992	5,334,918	x 5,757,213	x 5,928,546	
June .....	4,708,904	4,986,300	5,264,516	x 5,674,863	
July .....	4,630,320	4,841,336	5,180,727	x 5,478,282	
August .....	4,597,412	4,968,011	5,089,323	x 5,447,179	
September .....	4,405,976	4,993,148	5,088,698	5,509,800	
October .....	4,921,211	5,418,718	5,509,919	6,131,271	
November .....	4,938,270	5,221,355	x 5,447,837	6,206,137	
December .....	5,112,807	5,535,561	5,718,496	6,556,201	

IMPORTS FROM THE UNITED STATES

January .....	303	88	x 574	33,942	x 3,466
February .....	162	4,873	x 425	21,938	4,290
March .....	150	3,328	x 940	6,447	5,122
April .....	109	5,164	x 500	23,566	1,060
May .....	147	329	x 264	7,831	
June .....	114	140	x 282	5,330	
July .....	117	137	x 326	1,377	
August .....	140	2,762	x 416	2,680	
September .....	6,102	833	x 65,416	3,060	
October .....	72	50	x 30,584	3,149	
November .....	145	165	x 46,478	4,198	
December .....	115	442	x 32,594	4,117	

EXPORTS TO THE UNITED STATES

January .....	172,499	210,135	x 215,202	137,781	375,907
February .....	164,805	210,454	x 196,975	130,283	330,580
March .....	220,900	240,115	x 218,409	148,023	381,622
April .....	208,203	236,150	x 235,302	164,845	435,642
May .....	231,344	268,639	x 236,046	213,670	
June .....	224,611	233,819	x 200,262	213,895	
July .....	237,823	202,453	x 209,352	257,964	
August .....	159,726	206,370	x 192,290	223,832	
September .....	134,692	174,137	x 161,634	211,818	
October .....	202,694	173,364	x 190,719	336,109	
November .....	203,736	150,156	x 191,184	321,381	
December .....	214,387	187,241	x 176,655	358,707	

CONSUMPTION OF PRIMARY POWER

(Production plus Imports less Exports and Secondary Power)

January .....	4,370,086	4,784,385	5,106,043	x 5,378,953	x 5,797,713
February .....	3,984,239	4,500,020	x 4,681,074	x 4,873,747	x 5,336,128
March .....	4,396,928	4,702,447	x 5,131,365	x 5,391,906	x 5,912,789
April .....	4,228,887	4,474,730	x 4,892,161	x 5,105,672	5,496,513
May .....	4,409,091	4,595,893	x 4,954,273	x 5,176,603	
June .....	4,243,426	4,345,595	x 4,790,738	x 5,035,235	
July .....	4,206,158	4,357,670	4,773,393	x 4,967,850	
August .....	4,316,610	4,456,660	4,781,887	x 5,058,630	
September .....	4,149,096	4,570,727	x 4,856,892	5,110,850	
October .....	4,512,485	4,927,204	5,182,932	5,440,515	
November .....	4,472,696	4,804,931	x 5,140,372	5,504,247	
December .....	4,626,360	5,048,084	5,398,403	5,798,928	

x Revised.

# DOMINION BUREAU OF STATISTICS

OTTAWA - CANADA

Published by Authority of the Rt. Hon. C. D. Howe, Minister of Trade and Commerce



Memorandum

Electric power statistics

Vol. 23, No. 5

May, 1955.

Price: \$1.00 per year

## CENTRAL ELECTRIC STATIONS

Month	Total Production			Consumption of Primary Power		
	1953	1954	1955	1953	1954	1955
Daily Averages (Thousands of Kilowatt Hours)						
January .....	182,469	x 181,724	x 211,188	164,711	x 173,515	x 187,023
February .....	x 187,680	x 184,015	x 213,313	x 167,181	x 174,062	x 190,576
March .....	x 186,444	x 185,991	x 214,032	x 165,528	x 173,932	x 190,735
April .....	x 191,373	x 188,424	212,096	x 163,072	x 170,189	183,217
May .....	x 185,717	x 191,243	214,206	x 159,815	x 166,987	181,404
June .....	175,484	x 189,162		159,691	x 167,841	
July .....	167,120	x 176,719		153,980	x 160,253	
August .....	164,172	x 175,715		154,254	x 163,182	
September .....	169,623	183,660		x 161,896	170,362	
October .....	177,739	197,783		167,191	175,500	
November .....	x 181,595	206,871		x 171,346	183,475	
December .....	184,468	211,490		171,142	187,062	
INDEX NUMBERS — Seasonally adjusted (Average 1935 — 1939 = 100)						
January .....	250.5	249.4	x 289.9	330.6	348.3	x 375.4
February .....	252.5	247.6	x 287.0	335.1	348.9	x 382.0
March .....	254.3	253.7	x 291.9	337.4	354.5	x 388.8
April .....	268.8	264.6	297.9	x 338.0	352.7	379.7
May .....	x 265.0	272.9	305.7	x 334.7	349.8	380.0
June .....	253.6	273.4		333.9	351.0	
July .....	254.7	269.3		333.6	347.2	
August .....	243.0	x 260.1		327.0	x 346.0	
September .....	241.8	261.8		x 330.3	347.6	
October .....	241.1	268.3		328.8	345.1	
November .....	x 235.2	267.9		x 331.4	354.9	
December .....	246.6	282.7		346.1	371.8	

x Revised

8504-509-55

Prepared in the Public Finance and Transportation Division

## CENTRAL ELECTRIC STATIONS

(Thousand Kilowatt Hours)

Month of May, 1955.

		CANADA		NEWFOUNDLAND	
		1955	* 1954	1955	1954
A.	Production - Hydraulic .....	6,433,510	5,717,111	23,997	19,499
B.	Thermal .....	206,872	211,435	115	-
C.	Total .....	6,640,382	5,928,546	24,112	19,499
D.	Primary .....	5,755,214	5,304,454	24,112	19,499
E.	Secondary .....	885,168	624,092	-	-
F.	Receipts - from other Provinces .....	-	-	-	-
G.	Deliveries - to other Provinces .....	-	-	-	-
H.	Imports - from U.S.A. Total .....	1,185	7,831	-	-
I.	Primary .....	1,185	7,831	-	-
J.	Secondary .....	-	-	-	-
K.	Exports - to U.S.A. Total .....	525,908	213,670	-	-
L.	Primary .....	132,887	135,682	-	-
M.	Secondary .....	393,021	77,988	-	-
N.	Consumption (C+F+H-G-K) Total .....	6,115,659	5,722,707	24,112	19,499
O.	Primary .....	5,623,512	5,176,603	24,112	19,499
P.	Secondary .....	492,147	546,104	-	-
Cumulative Totals - January - May					
C.	Production - Total .....	32,157,852	28,132,851	120,818	98,681
D.	Primary .....	28,807,309	26,428,419	120,818	98,681
E.	Secondary .....	3,350,543	1,704,432	-	-
F.	Receipts - from other Provinces .....	-	-	-	-
G.	Deliveries - to other Provinces .....	-	-	-	-
H.	Imports - from U.S.A. Total .....	15,123	93,723	-	-
I.	Primary .....	15,123	93,723	-	-
J.	Secondary .....	-	-	-	-
K.	Exports - to U.S.A. Total .....	2,049,659	794,601	-	-
L.	Primary .....	655,777	595,261	-	-
M.	Secondary .....	1,393,882	199,340	-	-
N.	Consumption (C+F+H-G-K) Total .....	30,123,316	27,431,973	120,818	98,681
O.	Primary .....	28,166,655	25,926,881	120,818	98,681
P.	Secondary .....	1,956,661	1,505,092	-	-
ONTARIO					
MANITOBA					
A.	Production - Hydraulic .....	2,228,429	1,662,253	252,082	249,364
B.	Thermal .....	6,084	35,461	-	6
C.	Total .....	2,234,513	1,697,714	252,082	249,370
D.	Primary .....	1,800,535	1,575,618	209,002	198,777
E.	Secondary .....	433,978	122,096	43,080	50,593
F.	Receipts - from other Provinces .....	397,173	407,705	46,593	44,479
G.	Deliveries - to other Provinces .....	848	766	12,649	14,711
H.	Imports - from U.S.A. Total .....	920	7,569	-	-
I.	Primary .....	920	7,569	-	-
J.	Secondary .....	-	-	-	-
K.	Exports - to U.S.A. Total .....	450,365	136,437	-	-
L.	Primary .....	60,464	60,031	-	-
M.	Secondary .....	389,901	76,406	-	-
N.	Consumption (C+F+H-G-K) Total .....	2,181,393	1,975,785	286,026	279,138
O.	Primary .....	2,137,316	1,930,095	242,946	228,545
P.	Secondary .....	44,077	45,690	43,080	50,593
Cumulative Totals - January - May					
C.	Production - Total .....	10,715,779	8,337,284	1,319,977	1,308,989
D.	Primary .....	9,030,505	7,908,261	1,104,912	1,034,419
E.	Secondary .....	1,685,274	429,023	215,065	274,570
F.	Receipts - from other Provinces .....	1,895,757	1,932,462	247,763	232,194
G.	Deliveries - to other Provinces .....	4,543	4,160	61,333	69,930
H.	Imports - from U.S.A. Total .....	13,984	90,741	-	-
I.	Primary .....	13,984	90,741	-	-
J.	Secondary .....	-	-	-	-
K.	Exports - to U.S.A. Total .....	1,668,599	455,604	2	2
L.	Primary .....	288,935	269,362	2	2
M.	Secondary .....	1,379,664	186,242	-	-
N.	Consumption (C+F+H-G-K) Total .....	10,952,378	9,900,723	1,506,405	1,471,251
O.	Primary .....	10,646,768	9,657,942	1,291,340	1,196,681
P.	Secondary .....	305,610	242,781	215,065	274,570

\* Revised.



# CENTRAL ELECTRIC STATIONS

Month of May, 1955.

(000 Kw. Hrs.)

PRINCE EDWARD ISLAND		NOVA SCOTIA		NEW BRUNSWICK		QUEBEC		
1955	1954	1955	1954	1955	1954	1955	1954	
15	2	41,728	41,634	55,824	58,883	3,225,014	3,152,229	A.
3,473	2,559	52,342	47,921	16,803	14,919	506	85	B.
3,488	2,561	94,070	89,555	72,627	73,802	3,225,520	3,152,314	C.
3,488	2,561	94,070	89,555	71,322	72,220	2,819,522	2,702,493	D.
-	-	-	-	1,305	1,582	405,998	449,821	E.
-	-	-	-	947	815	848	766	F.
-	-	-	-	-	-	385,471	393,809	G.
-	-	-	-	-	-	76	14	H.
-	-	-	-	-	-	76	14	I.
-	-	-	-	-	-	-	-	J.
-	-	-	-	5,028	5,369	56,121	56,012	K.
-	-	-	-	3,723	3,787	54,306	56,012	L.
-	-	-	-	1,305	1,582	1,815	-	M.
3,488	2,561	94,070	89,555	68,546	69,248	2,784,852	2,703,273	N.
3,488	2,561	94,070	89,555	68,546	69,248	2,380,669	2,253,452	O.
-	-	-	-	-	-	404,183	449,821	P.
Cumulative Totals - January - May								
18,244	13,624	489,953	467,412	374,367	347,280	15,255,786	14,266,659	C.
18,244	13,624	489,953	467,412	367,214	340,935	13,817,247	13,272,165	D.
-	-	-	-	7,153	6,345	1,438,539	994,494	E.
-	-	-	-	4,544	3,983	4,543	4,422	F.
-	-	-	-	-	262	1,838,968	1,866,515	G.
-	-	-	-	-	-	338	83	H.
-	-	-	-	-	-	338	83	I.
-	-	-	-	-	-	-	-	J.
-	-	-	-	25,023	23,212	265,241	270,928	K.
-	-	-	-	17,870	16,867	258,176	264,175	L.
-	-	-	-	7,153	6,345	7,065	6,753	M.
18,244	13,624	489,953	467,412	353,888	327,789	13,156,458	12,133,721	N.
18,244	13,624	489,953	467,412	353,888	327,789	11,724,984	11,145,980	O.
-	-	-	-	-	-	1,431,474	987,741	P.
SASKATCHEWAN		ALBERTA		BRITISH COLUMBIA		YUKON - N.W.T.		
46,593	44,479	78,303	64,475	474,346	424,293	7,179		A.
65,399	54,721	51,463	49,731	10,617	6,032	70		B.
111,992	99,200	129,766	114,206	484,963	430,325	7,249	Monthly	C.
111,992	99,200	129,766	114,206	484,963	430,325	6,442	data	D.
-	-	-	-	-	-	807		E.
-	-	658	872	-	-	-		F.
46,593	44,479	-	-	658	872	-	not	G.
-	-	-	-	189	248	-		H.
-	-	-	-	189	248	-	collected	I.
-	-	-	-	-	-	-		J.
-	-	-	-	14,394	15,852	-	until	K.
-	-	-	-	14,394	15,852	-		L.
-	-	-	-	-	-	-	1955	M.
65,399	54,721	130,424	115,078	470,100	413,849	7,249		N.
65,399	54,721	130,424	115,078	470,100	413,849	6,442		O.
-	-	-	-	-	-	807		P.
Cumulative Totals - January - May								
593,392	526,047	688,919	610,129	2,542,153	2,156,746	38,464		C.
593,392	526,047	688,919	610,129	2,541,946	2,156,746	34,159		D.
-	-	-	-	207	-	4,305		E.
-	-	4,530	9,679	-	-	-		F.
247,763	232,194	-	-	4,530	9,679	-		G.
-	-	-	-	801	2,899	-		H.
-	-	-	-	801	2,899	-		I.
-	-	-	-	-	-	-		J.
-	-	-	-	90,794	44,855	-		K.
-	-	-	-	90,794	44,855	-		L.
-	-	-	-	-	-	-		M.
345,629	293,853	693,449	619,808	2,447,630	2,105,111	38,464		N.
345,629	293,853	693,449	619,808	2,447,423	2,105,111	34,159		O.
-	-	-	-	207	-	4,305		P.

# CENTRAL ELECTRIC STATIONS

(Thousands of Kilowatt Hours)

## PRODUCTION

	1951	1952	1953	1954	1955
January .....	4,786,427	5,268,718	5,656,537	x 5,633,449	x 6,546,830
February .....	4,377,699	4,969,944	x 5,255,048	x 5,152,431	x 5,972,753
March .....	4,912,309	5,217,771	x 5,779,752	x 5,765,717	x 6,634,995
April .....	4,897,191	5,030,255	x 5,741,187	x 5,652,708	6,362,892
May .....	5,131,992	5,334,918	x 5,757,213	x 5,928,546	6,640,382
June .....	4,708,904	4,986,300	5,264,516	x 5,674,863	
July .....	4,630,320	4,841,336	5,180,727	x 5,478,282	
August .....	4,597,412	4,968,011	5,089,323	x 5,447,179	
September .....	4,405,976	4,993,148	5,088,698	5,509,800	
October .....	4,921,211	5,418,718	5,509,919	6,131,271	
November .....	4,938,270	5,221,355	x 5,447,837	6,206,137	
December .....	5,112,807	5,535,561	5,718,496	6,556,201	

## IMPORTS FROM THE UNITED STATES

January .....	303	88	x 574	33,942	x 3,466
February .....	162	4,873	x 425	21,938	4,290
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April .....	109	5,164	x 500	23,566	1,060
May .....	147	329	x 264	7,831	1,185
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July .....	117	137	x 326	1,377	
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November .....	203,736	150,156	x 191,184	321,381	
December .....	214,387	187,241	x 176,655	358,707	

## CONSUMPTION OF PRIMARY POWER

(Production plus Imports less Exports and Secondary Power)

January .....	4,370,086	4,784,385	5,106,043	x 5,378,953	x 5,797,713
February .....	3,984,239	4,500,020	x 4,681,074	x 4,873,747	x 5,336,128
March .....	4,396,928	4,702,447	x 5,131,365	x 5,391,906	x 5,912,789
April .....	4,228,887	4,474,730	x 4,892,161	x 5,105,672	5,496,513
May .....	4,409,091	4,595,893	x 4,954,273	x 5,176,603	5,623,512
June .....	4,243,426	4,345,595	x 4,790,738	x 5,035,235	
July .....	4,206,158	4,357,670	4,773,393	x 4,967,850	
August .....	4,316,610	4,456,660	4,781,887	x 5,058,630	
September .....	4,149,096	4,570,727	x 4,856,892	5,110,850	
October .....	4,512,485	4,927,204	5,182,932	5,440,515	
November .....	4,472,696	4,804,931	x 5,140,372	5,504,247	
December .....	4,626,360	5,048,084	5,398,403	5,798,928	

x Revised.

# DOMINION BUREAU OF STATISTICS

## OTTAWA - CANADA

Published by Authority of the Rt. Hon. C. D. Howe, Minister of Trade and Commerce



### Memorandum

*Electric power statistics*

JUNE, 1955

Price: \$1.00 per year

## CENTRAL ELECTRIC STATIONS

Month	Total Production			Consumption of Primary Power		
	1953	1954	1955	1953	1954	1955
Daily Averages (Thousands of Kilowatt Hours)						
January .....	182,469	x 181,724	x 211,188	164,711	x 173,515	x 187,023
February .....	x 187,680	x 184,015	x 213,313	x 167,181	x 174,062	x 190,576
March .....	x 186,444	x 185,991	x 214,032	x 165,528	x 173,932	x 190,735
April .....	x 191,373	x 188,424	212,096	x 163,072	x 170,189	183,217
May .....	x 185,717	x 191,243	214,206	x 159,815	x 166,987	181,404
June .....	175,484	x 189,162	203,009	159,691	x 169,841	183,209
July .....	167,120	x 176,719		153,980	x 160,253	
August .....	164,172	x 175,715		154,254	x 163,182	
September .....	169,623	183,660		x 161,896	170,362	
October .....	177,739	197,783		167,191	175,500	
November .....	x 181,595	206,871		x 171,346	183,475	
December .....	184,468	211,490		171,142	187,062	
INDEX NUMBERS — Seasonally adjusted (Average 1935 — 1939 = 100)						
January .....	250.5	249.4	x 289.9	330.6	348.3	x 375.4
February .....	252.5	247.6	x 287.0	335.1	348.9	x 382.0
March .....	254.3	253.7	x 291.9	337.4	354.5	x 388.8
April .....	268.8	264.6	297.9	x 338.0	352.7	379.7
May .....	x 265.0	272.9	305.7	x 334.7	349.8	380.0
June .....	253.6	273.4	293.4	333.9	351.0	383.1
July .....	254.7	269.3		333.6	347.2	
August .....	243.0	x 260.1		327.0	x 346.0	
September .....	241.8	261.8		x 330.3	347.6	
October .....	241.1	268.3		328.8	345.1	
November .....	x 235.2	267.9		x 331.4	354.9	
December .....	246.6	282.7		346.1	372.8	

x Revised

8504-509-65

Prepared in the Public Finance and Transportation Division



## CENTRAL ELECTRIC STATIONS

Month of June, 1955

(Thousand Kilowatt Hours)

		CANADA		NEWFOUNDLAND	
		1955	* 1954	1955	1954
A.	Production - Hydraulic .....	5,883,817	5,459,239	66,756	18,762
B.	Thermal .....	206,463	215,624	103	-
C.	Total .....	6,090,280	5,674,863	66,859	18,762
D.	Primary .....	5,615,010	5,155,253	66,859	18,762
E.	Secondary .....	475,270	519,610	-	-
F.	Receipts - from other Provinces .....	-	-	-	-
G.	Deliveries - to other Provinces .....	-	-	-	-
H.	Imports - from U.S.A. Total .....	5,523	5,330	-	-
I.	Primary .....	5,523	5,330	-	-
J.	Secondary .....	-	-	-	-
K.	Exports - to U.S.A. Total .....	373,462	213,895	-	-
L.	Primary .....	124,249	125,348	-	-
M.	Secondary .....	249,213	88,547	-	-
N.	Consumption (C+F+H-G-K) Total .....	5,722,341	5,466,298	66,859	18,762
O.	Primary .....	5,496,284	5,035,235	66,859	18,762
P.	Secondary .....	226,057	431,063	-	-
Cumulative Totals - January - June					
C.	Production - Total .....	38,248,132	33,807,714	187,677	117,443
D.	Primary .....	34,422,319	31,583,672	187,677	117,443
E.	Secondary .....	3,825,813	2,224,042	-	-
F.	Receipts - from other Provinces .....	-	-	-	-
G.	Deliveries - to other Provinces .....	-	-	-	-
H.	Imports - from U.S.A. Total .....	20,646	99,053	-	-
I.	Primary .....	20,646	99,053	-	-
J.	Secondary .....	-	-	-	-
K.	Exports - to U.S.A. Total .....	2,423,121	1,008,496	-	-
L.	Primary .....	780,026	720,609	-	-
M.	Secondary .....	1,643,095	287,887	-	-
N.	Consumption (C+F+H-G-K) Total .....	35,845,657	32,898,271	187,677	117,443
O.	Primary .....	33,662,939	30,962,116	187,677	117,443
P.	Secondary .....	2,182,718	1,936,155	-	-
ONTARIO MANITOBA					
A.	Production - Hydraulic .....	1,987,779	1,611,182	231,561	219,021
B.	Thermal .....	4,732	32,730	7	1,458
C.	Total .....	1,992,511	1,643,912	231,568	220,479
D.	Primary .....	1,733,600	1,514,792	205,014	192,068
E.	Secondary .....	258,911	129,120	26,554	28,411
F.	Receipts - from other Provinces .....	387,794	403,459	42,276	44,001
G.	Deliveries - to other Provinces .....	755	721	12,430	13,708
H.	Imports - from U.S.A. Total .....	5,224	4,960	-	-
I.	Primary .....	5,224	4,960	-	-
J.	Secondary .....	-	-	-	-
K.	Exports - to U.S.A. Total .....	303,091	141,169	-	1
L.	Primary .....	57,137	54,296	-	1
M.	Secondary .....	245,954	86,873	-	-
N.	Consumption (C+F+H-G-K) Total .....	2,081,683	1,910,441	261,414	250,771
O.	Primary .....	2,068,726	1,868,194	234,860	222,360
P.	Secondary .....	12,957	42,247	26,554	28,411
Cumulative Totals - January - June					
C.	Production - Total .....	12,708,290	9,981,196	1,551,545	1,529,468
D.	Primary .....	10,764,105	9,423,053	1,309,926	1,226,487
E.	Secondary .....	1,944,185	558,143	241,619	302,981
F.	Receipts - from other Provinces .....	2,283,551	2,335,921	290,039	276,195
G.	Deliveries - to other Provinces .....	5,298	4,881	73,763	83,638
H.	Imports - from U.S.A. Total .....	19,208	95,701	-	-
I.	Primary .....	19,208	95,701	-	-
J.	Secondary .....	-	-	-	-
K.	Exports - to U.S.A. Total .....	1,971,690	596,773	2	3
L.	Primary .....	346,072	323,658	2	3
M.	Secondary .....	1,625,618	273,115	-	-
N.	Consumption (C+F+H-G-K) Total .....	13,034,061	11,811,164	1,767,819	1,722,022
O.	Primary .....	12,715,494	11,526,136	1,526,200	1,419,041
P.	Secondary .....	318,567	285,028	241,619	302,981

\* Revised

## CENTRAL ELECTRIC STATIONS

Month of June, 1955.

(000 Kw. Hrs.)

PRINCE EDWARD ISLAND		NOVA SCOTIA		NEW BRUNSWICK		QUEBEC		
1955	1954	1955	1954	1955	1954	1955	1954	
-	23	38,231	40,000	57,278	54,424	2,938,543	2,993,668	A.
3,311	2,466	55,012	48,680	17,235	20,588	1,019	141	B.
3,311	2,489	93,243	88,680	74,513	75,012	2,939,562	2,993,809	C.
3,311	2,489	93,243	88,680	73,359	73,457	2,751,185	2,633,285	D.
-	-	-	-	1,154	1,555	188,377	360,524	E.
-	-	-	-	949	861	755	721	F.
-	-	-	-	-	-	376,313	390,612	G.
-	-	-	-	-	-	99	15	H.
-	-	-	-	-	-	99	15	I.
-	-	-	-	-	-	-	-	J.
-	-	-	-	4,664	5,674	54,909	54,243	K.
-	-	-	-	3,510	4,119	52,804	54,124	L.
-	-	-	-	1,154	1,555	2,105	119	M.
3,311	2,489	93,243	88,680	70,798	70,199	2,509,194	2,549,690	N.
3,311	2,489	93,243	88,680	70,798	70,199	2,322,922	2,189,285	O.
-	-	-	-	-	-	186,272	360,405	P.
Cumulative Totals - January - June								
21,555	16,113	583,196	556,092	448,880	422,292	18,195,348	17,260,468	C.
21,555	16,113	583,196	556,092	440,573	414,392	16,568,432	15,905,450	D.
-	-	-	-	8,307	7,900	1,626,916	1,355,018	E.
-	-	-	-	5,493	4,844	5,298	5,143	F.
-	-	-	-	-	262	2,215,281	2,257,127	G.
-	-	-	-	-	-	437	98	H.
-	-	-	-	-	-	437	98	I.
-	-	-	-	-	-	-	-	J.
-	-	-	-	29,687	28,886	320,150	325,171	K.
-	-	-	-	21,380	20,986	310,980	318,299	L.
-	-	-	-	8,307	7,900	9,170	6,872	M.
21,555	16,113	583,196	556,092	424,686	397,988	15,665,652	14,683,411	N.
21,555	16,113	583,196	556,092	424,686	397,988	14,047,906	13,335,265	O.
-	-	-	-	-	-	1,617,746	1,348,146	P.
SASKATCHEWAN		ALBERTA		BRITISH COLUMBIA		YUKON - N.W.T.		
42,276	44,001	72,219	64,690	442,979	413,468	6,195		
63,431	55,042	53,335	48,782	8,211	5,737	67		B.
105,707	99,043	125,554	113,472	451,190	419,205	6,262		C.
105,707	99,043	125,554	113,472	451,190	419,205	5,988	Monthly	D.
-	-	-	-	-	-	274		E.
-	-	1,178	858	-	-	-	data	F.
42,276	44,001	-	-	1,178	858	-	not	G.
-	-	-	-	200	355	-		H.
-	-	-	-	200	355	-	collected	I.
-	-	-	-	-	-	-		J.
-	-	-	-	10,798	12,808	-	until	K.
-	-	-	-	10,798	12,808	-		L.
-	-	-	-	-	-	-	1955	M.
63,431	55,042	126,732	114,330	439,414	405,894	6,262		N.
63,431	55,042	126,732	114,330	439,414	405,894	5,988		O.
-	-	-	-	-	-	274		P.
Cumulative Totals - January - June								
699,099	625,090	814,473	723,601	2,993,343	2,575,951	44,726		C.
699,099	625,090	814,473	723,601	2,993,136	2,575,951	40,147		D.
-	-	-	-	207	-	4,579		E.
-	-	5,708	10,537	-	-	-		F.
290,039	276,195	-	-	5,708	10,537	-		G.
-	-	-	-	1,001	3,254	-		H.
-	-	-	-	1,001	3,254	-		I.
-	-	-	-	-	-	-		J.
-	-	-	-	101,592	57,663	-		K.
-	-	-	-	101,592	57,663	-		L.
-	-	-	-	-	-	-		M.
409,060	348,895	820,181	734,138	2,887,044	2,511,005	44,726		N.
409,060	348,895	820,181	734,138	2,886,837	2,511,005	40,147		O.
-	-	-	-	207	-	4,579		P.

# CENTRAL ELECTRIC STATIONS

(Thousands of Kilowatt Hours)

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January .....	4,270,086	4,784,385	5,106,043	x 5,378,953	x 5,797,713
February .....	3,984,239	4,500,020	x 4,681,074	x 4,873,747	x 5,336,128
March .....	4,396,928	4,702,447	x 5,131,365	x 5,391,906	x 5,912,789
April .....	4,228,887	4,474,730	x 4,892,161	x 5,105,672	5,496,513
May .....	4,409,291	4,595,893	x 4,954,273	x 5,176,603	5,623,512
June .....	4,243,426	4,345,595	x 4,790,738	x 5,035,235	5,496,284
July .....	4,206,158	4,357,670	4,773,393	x 4,967,850	
August .....	4,316,610	4,456,660	4,781,887	x 5,058,630	
September .....	4,149,096	4,570,727	x 4,856,892	5,110,850	
October .....	4,512,485	4,927,204	5,182,932	5,440,515	
November .....	4,472,696	4,804,931	x 5,140,372	5,504,247	
December .....	4,626,360	5,048,084	5,398,403	5,798,928	



## DOMINION BUREAU OF STATISTICS

OTTAWA - CANADA

Published by Authority of the Rt. Hon. C. D. Howe, Minister of Trade and Commerce



Memorandum

Electric power statistics

Vol. 23, No. 7

JULY, 1955

Price: \$1.00 per year

## CENTRAL ELECTRIC STATIONS

Month	Total Production			Consumption of Primary Power		
	1953	1954	1955	1953	1954	1955
Daily Averages (Thousands of Kilowatt Hours)						
January .....	182,469	x 181,724	x 211,188	164,711	x 173,515	x 187,023
February .....	x 187,680	x 184,015	x 213,313	x 167,181	x 174,062	x 190,576
March .....	x 186,444	x 185,991	x 214,032	x 165,528	x 173,932	x 190,735
April .....	x 191,373	x 188,424	212,096	x 163,072	x 170,189	183,217
May .....	x 185,717	x 191,243	214,206	x 159,815	x 166,987	181,404
June .....	175,484	x 189,162	203,009	159,691	x 167,841	183,209
July .....	167,120	x 176,719	190,430	153,980	x 160,253	175,008
August .....	164,172	x 175,715		154,254	x 163,182	
September .....	169,623	183,660		x 161,896	170,362	
October .....	177,739	197,783		167,191	175,500	
November .....	x 181,595	206,871		x 171,346	183,475	
December .....	184,468	211,490		171,142	187,062	
INDEX NUMBERS — Seasonally adjusted (Average 1935 — 1939 = 100)						
January .....	250.5	249.4	x 289.9	330.6	348.3	x 375.4
February .....	252.5	247.6	x 287.0	335.1	348.9	x 382.0
March .....	254.3	253.7	x 291.9	337.4	354.5	x 388.8
April .....	268.8	264.6	297.9	x 338.0	352.7	379.7
May .....	x 265.0	272.9	305.7	x 334.7	349.8	380.0
June .....	253.6	273.4	293.4	333.9	351.0	383.1
July .....	254.7	269.3	290.2	333.6	347.2	379.2
August .....	243.0	x 260.1		327.0	x 346.0	
September .....	241.8	261.8		x 330.3	347.6	
October .....	241.1	268.3		328.8	345.1	
November .....	x 235.2	267.9		x 331.4	354.9	
December .....	246.6	282.7		346.1	371.8	

x Revised

8504-509-75

Prepared in the Public Finance and Transportation Division

# CENTRAL ELECTRIC STATIONS

(Thousand Kilowatt Hours)

Month of July, 1955

		CANADA		NEWFOUNDLAND	
		1955	1954	1955	1954
A.	Production — Hydraulic .....	5,688,122	5,285,156	71,193	17,337
B.	Thermal .....	215,210	193,126	106	-
C.	Total .....	5,903,332	5,478,282	71,299	17,337
D.	Primary .....	5,545,403	5,100,254	71,299	17,337
E.	Secondary .....	357,929	378,028	-	-
F.	Receipts — from other Provinces .....	-	-	-	-
G.	Deliveries — to other Provinces .....	-	-	-	-
H.	Imports — from U.S.A. Total .....	12,673	1,378	-	-
I.	Primary .....	12,673	1,378	-	-
J.	Secondary .....	-	-	-	-
K.	Exports — to U.S.A. Total .....	360,587	257,964	-	-
L.	Primary .....	132,832	133,781	-	-
M.	Secondary .....	227,755	124,183	-	-
N.	Consumption (C+F+H-G-K) Total .....	5,555,418	5,221,695	71,299	17,337
O.	Primary .....	5,425,244	4,967,850	71,299	17,337
P.	Secondary .....	130,174	253,845	-	-

## Cumulative Totals — January — July

C.	Production — Total .....	44,151,464	39,285,996	258,976	134,780
D.	Primary .....	39,967,722	36,683,926	258,976	134,780
E.	Secondary .....	4,183,742	2,602,070	-	-
F.	Receipts — from other Provinces .....	-	-	-	-
G.	Deliveries — to other Provinces .....	-	-	-	-
H.	Imports — from U.S.A. Total .....	33,319	100,431	-	-
I.	Primary .....	33,319	100,431	-	-
J.	Secondary .....	-	-	-	-
K.	Exports — to U.S.A. Total .....	2,783,708	1,266,461	-	-
L.	Primary .....	912,858	854,391	-	-
M.	Secondary .....	1,870,850	412,070	-	-
N.	Consumption (C+F+H-G-K) Total .....	41,401,075	38,119,966	258,976	134,780
O.	Primary .....	40,000,181	35,929,966	258,976	134,780
P.	Secondary .....	2,312,892	2,190,000	-	-

## ONTARIO

A.	Production — Hydraulic .....	1,916,654	1,643,783	216,231	211,142
B.	Thermal .....	1,313	8,561	-	49
C.	Total .....	1,920,027	1,652,344	216,231	211,191
D.	Primary .....	1,695,610	1,480,200	189,262	182,882
E.	Secondary .....	224,417	172,144	26,969	28,309
F.	Receipts — from other Provinces .....	362,214	369,533	45,244	44,233
G.	Deliveries — to other Provinces .....	730	729	11,137	13,550
H.	Imports — from U.S.A. Total .....	12,466	1,128	-	-
I.	Primary .....	12,466	1,128	-	-
J.	Secondary .....	-	-	-	-
K.	Exports — to U.S.A. Total .....	286,076	177,681	1	-
L.	Primary .....	62,953	58,167	1	-
M.	Secondary .....	223,123	119,514	-	-
N.	Consumption (C+F+H-G-K) Total .....	2,007,901	1,844,595	250,337	241,874
O.	Primary .....	2,006,607	1,791,965	223,368	213,565
P.	Secondary .....	1,294	52,630	26,969	28,309

## MANITOBA

C.	Production — Total .....	14,628,317	11,633,540	1,767,776	1,740,659
D.	Primary .....	12,459,715	10,903,253	1,499,188	1,409,369
E.	Secondary .....	2,168,602	730,287	268,588	331,290
F.	Receipts — from other Provinces .....	2,645,765	2,705,454	335,283	320,428
G.	Deliveries — to other Provinces .....	6,028	5,610	84,900	97,188
H.	Imports — from U.S.A. Total .....	31,674	96,829	-	-
I.	Primary .....	31,674	96,829	-	-
J.	Secondary .....	-	-	-	-
K.	Exports — to U.S.A. Total .....	2,257,766	774,454	3	3
L.	Primary .....	409,025	381,825	3	3
M.	Secondary .....	1,848,741	392,629	-	-
N.	Consumption (C+F+H-G-K) Total .....	15,041,962	13,655,759	2,018,156	1,963,896
O.	Primary .....	14,722,101	13,318,101	1,749,568	1,632,606
P.	Secondary .....	319,861	337,658	268,588	331,290

## Cumulative Totals — January — July

\* Revised.

## CENTRAL ELECTRIC STATIONS

Month of July, 1955

(000 Kw. Hrs.)

PRINCE EDWARD ISLAND		NOVA SCOTIA		NEW BRUNSWICK		QUEBEC		
1955	1954	1955	1954	1955	1954	1955	1954	
-	15	35,943	36,280	42,574	54,728	2,819,761	2,798,759	A.
3,995	2,626	57,439	50,729	25,386	19,564	1,105	312	B.
3,995	2,641	93,382	87,009	67,960	74,292	2,820,866	2,799,071	C.
3,995	2,641	93,382	87,009	67,821	72,741	2,714,860	2,623,047	D.
-	-	-	-	139	1,551	106,006	176,024	E.
-	-	-	-	817	739	730	729	F.
-	-	-	-	-	-	351,894	356,722	G.
-	-	-	-	-	-	47	15	H.
-	-	-	-	-	-	47	15	I.
-	-	-	-	-	-	-	-	J.
-	-	-	-	1,739	6,143	58,786	59,109	K.
-	-	-	-	1,600	4,592	54,293	55,991	L.
-	-	-	-	139	1,551	4,493	3,118	M.
3,995	2,641	93,382	87,009	67,038	68,888	2,410,963	2,383,984	N.
3,995	2,641	93,382	87,009	67,038	68,888	2,309,450	2,211,078	O.
-	-	-	-	-	-	101,513	172,906	P.
Cumulative Totals - January - July								
25,550	18,754	676,578	643,101	516,840	496,584	21,016,214	20,059,539	C.
25,550	18,754	676,578	643,101	508,394	487,133	19,283,292	18,528,497	D.
-	-	-	-	8,446	9,451	1,732,922	1,531,042	E.
-	-	-	-	6,310	5,583	6,028	5,872	F.
-	-	-	-	-	262	2,567,175	2,613,849	G.
-	-	-	-	-	-	484	114	H.
-	-	-	-	-	-	484	114	I.
-	-	-	-	-	-	-	-	J.
-	-	-	-	31,426	35,029	378,936	384,281	K.
-	-	-	-	22,980	25,578	365,273	374,291	L.
-	-	-	-	8,446	9,451	13,663	9,990	M.
25,550	18,754	676,578	643,101	491,724	466,876	18,076,615	17,067,395	N.
25,550	18,754	676,578	643,101	491,724	466,876	16,357,356	15,546,343	O.
-	-	-	-	-	-	1,719,259	1,521,052	P.
SASKATCHEWAN		ALBERTA		BRITISH COLUMBIA		YUKON - N.W.T.		
45,244	44,233	75,460	62,608	458,638	416,271	6,424		A.
64,558	54,263	53,054	50,729	6,126	6,293	68		B.
109,802	98,496	128,514	113,337	464,764	422,564	6,492		C.
109,802	98,496	128,514	113,337	464,764	422,564	6,094		D.
-	-	-	-	-	-	398		E.
-	-	1,508	816	-	-	-		F.
45,244	44,233	-	-	1,508	816	-		G.
-	-	-	-	160	234	-		H.
-	-	-	-	160	234	-		I.
-	-	-	-	-	-	-		J.
-	-	-	-	13,985	15,031	-		K.
-	-	-	-	13,985	15,031	-		L.
-	-	-	-	-	-	-		M.
64,558	54,263	130,022	114,153	449,431	406,951	6,492	1955	N.
64,558	54,263	130,022	114,153	449,431	406,951	6,094		O.
-	-	-	-	-	-	398		P.
Cumulative Totals - January - July								
808,901	723,586	942,987	836,938	3,458,107	2,998,515	51,218		C.
808,901	723,586	942,987	836,938	3,457,900	2,998,515	46,241		D.
-	-	-	-	207	-	4,977		E.
-	-	7,216	11,353	-	-	-		F.
335,283	320,428	-	-	7,216	11,353	-		G.
-	-	-	-	1,161	3,488	-		H.
-	-	-	-	1,161	3,488	-		I.
-	-	-	-	-	-	-		J.
-	-	-	-	115,577	72,694	-		K.
-	-	-	-	115,577	72,694	-		L.
-	-	-	-	-	-	-		M.
473,618	403,158	950,203	848,291	3,336,475	2,917,956	51,218		N.
473,618	403,158	950,203	848,291	3,336,268	2,917,956	46,241		O.
-	-	-	-	207	-	4,977		P.



# CENTRAL ELECTRIC STATIONS (Thousands of Kilowatt Hours)

## PRODUCTION

	1951	1952	1953	1954	1955
January .....	4,786,427	5,268,718	5,656,537	x 5,633,449	x 6,546,830
February .....	4,377,699	4,969,944	x 5,255,048	x 5,152,431	x 5,972,753
March .....	4,912,309	5,217,771	x 5,779,752	x 5,765,717	x 6,634,995
April .....	4,897,191	5,030,255	x 5,741,187	x 5,652,708	6,362,892
May .....	5,131,992	5,334,918	x 5,757,213	x 5,928,546	6,640,382
June .....	4,708,904	4,986,300	5,264,516	x 5,674,863	6,090,280
July .....	4,630,320	4,841,336	5,180,727	x 5,478,282	5,903,332
August .....	4,597,412	4,968,011	5,089,323	x 5,447,179	
September .....	4,405,976	4,993,148	5,088,698	5,509,800	
October .....	4,921,211	5,418,718	5,509,919	6,131,271	
November .....	4,938,270	5,221,355	x 5,447,837	6,206,137	
December .....	5,112,807	5,535,561	5,718,496	6,556,201	

## IMPORTS FROM THE UNITED STATES

January .....	303	88	x 574	33,942	x 3,466
February .....	162	4,873	x 425	21,938	4,290
March .....	150	3,328	x 940	6,447	5,122
April .....	109	5,164	x 500	23,566	1,060
May .....	147	329	x 264	7,831	1,185
June .....	114	140	x 282	5,330	5,523
July .....	117	137	x 326	1,377	12,673
August .....	140	2,762	x 416	2,680	
September .....	6,102	833	x 65,416	3,060	
October .....	72	50	x 30,584	3,149	
November .....	145	165	x 46,478	4,198	
December .....	115	442	x 32,594	4,117	

## EXPORTS TO THE UNITED STATES

January .....	172,499	210,135	x 215,202	137,781	375,907
February .....	164,805	210,454	x 196,975	130,283	330,580
March .....	220,900	240,115	x 218,409	148,023	381,622
April .....	208,203	236,150	x 235,302	164,845	435,642
May .....	231,344	268,639	x 236,046	213,670	525,908
June .....	224,611	233,819	x 200,262	213,895	373,462
July .....	237,823	202,453	x 209,352	257,964	360,587
August .....	159,726	206,370	x 192,290	223,832	
September .....	134,692	174,137	x 161,634	211,818	
October .....	202,694	173,364	x 190,719	336,109	
November .....	203,736	150,156	x 191,184	321,381	
December .....	214,387	187,241	x 176,655	358,707	

## CONSUMPTION OF PRIMARY POWER

(Production plus Imports less Exports and Secondary Power)

January .....	4,370,086	4,784,385	5,106,043	x 5,378,953	x 5,797,713
February .....	3,984,239	4,500,220	x 4,681,074	x 4,873,747	x 5,336,128
March .....	4,396,928	4,702,447	x 5,131,305	x 5,392,906	x 5,912,789
April .....	4,228,887	4,474,730	x 4,892,161	x 5,105,672	5,496,513
May .....	4,409,691	4,595,203	x 4,954,273	x 5,176,603	5,623,512
June .....	4,243,426	4,345,595	x 4,790,738	x 5,035,235	5,496,284
July .....	4,206,158	4,357,670	4,773,393	x 4,967,850	5,425,244
August .....	4,316,610	4,450,660	4,781,887	x 5,058,630	
September .....	4,149,096	4,570,727	x 4,856,892	5,110,850	
October .....	4,512,485	4,927,204	5,182,932	5,440,515	
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x Revised.

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OTTAWA - CANADA

Published by Authority of the Rt. Hon. C. D. Howe, Minister of Trade and Commerce



Memorandum

Electric power statistics

August, 1955

Price: \$1.00 per year

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March .....	x 186,444	x 185,991	x 214,032	x 165,528	x 173,932	x 190,735
April .....	x 191,373	x 188,424	212,096	x 163,072	x 170,189	183,217
May .....	x 185,717	x 191,243	214,206	x 159,815	x 166,987	181,404
June .....	175,484	x 189,162	203,009	159,691	x 167,841	183,209
July .....	167,120	x 176,719	190,430	153,980	x 160,253	175,008
August .....	164,172	x 175,715	195,230	154,254	x 163,182	184,178
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x Revised

8504-509-85

Prepared in the Public Finance and Transportation Division

## CENTRAL ELECTRIC STATIONS

Month of August, 1955

(Thousand Kilowatt Hours)

		CANADA		NEWFOUNDLAND	
		1955	* 1954	1955	1954
A.	Production - Hydraulic .....	5,772,945	5,254,364	71,695	19,303
B.	Thermal .....	279,197	192,815	118	-
C.	Total .....	6,052,142	5,447,179	71,813	19,303
D.	Primary .....	5,820,352	5,188,216	71,813	19,303
E.	Secondary .....	231,790	258,963	-	-
F.	Receipts - from other Provinces .....	-	-	-	-
G.	Deliveries - to other Provinces .....	-	-	-	-
H.	Imports - from U.S.A. Total .....	25,023	2,680	-	-
I.	Primary .....	25,023	2,680	-	-
J.	Secondary .....	-	-	-	-
K.	Exports - to U.S.A. Total .....	272,782	223,832	-	-
L.	Primary .....	135,868	132,266	-	-
M.	Secondary .....	136,914	91,566	-	-
N.	Consumption (C+F+H-G-K) Total .....	5,804,383	5,226,027	71,813	19,303
O.	Primary .....	5,709,507	5,058,630	71,813	19,303
P.	Secondary .....	94,876	167,397	-	-
Cumulative Totals - January- August					
C.	Production - Total .....	50,203,606	44,733,175	330,789	154,083
D.	Primary .....	45,788,074	41,872,142	330,789	154,083
E.	Secondary .....	4,415,532	2,861,033	-	-
F.	Receipts - from other Provinces .....	-	-	-	-
G.	Deliveries - to other Provinces .....	-	-	-	-
H.	Imports - from U.S.A. Total .....	58,342	103,111	-	-
I.	Primary .....	58,342	103,111	-	-
J.	Secondary .....	-	-	-	-
K.	Exports - to U.S.A. Total .....	3,056,490	1,490,293	-	-
L.	Primary .....	1,048,726	986,657	-	-
M.	Secondary .....	2,007,764	503,636	-	-
N.	Consumption (C+F+H-G-K) Total .....	47,205,458	43,345,993	330,789	154,083
O.	Primary .....	44,797,690	40,988,596	330,789	154,083
P.	Secondary .....	2,407,768	2,357,397	-	-
ONTARIO					
MANITOBA					
A.	Production - Hydraulic .....	1,861,889	1,619,974	233,211	214,640
B.	Thermal .....	44,967	13,309	-	-
C.	Total .....	1,906,856	1,633,283	233,211	214,640
D.	Primary .....	1,772,336	1,496,703	203,900	184,638
E.	Secondary .....	134,520	136,580	29,311	30,002
F.	Receipts - from other Provinces .....	343,546	365,058	46,017	46,655
G.	Deliveries - to other Provinces .....	873	783	12,595	12,880
H.	Imports - from U.S.A. Total .....	24,833	2,504	-	-
I.	Primary .....	24,833	2,504	-	-
J.	Secondary .....	-	-	-	-
K.	Exports - to U.S.A. Total .....	197,060	144,168	-	1
L.	Primary .....	63,299	56,623	-	1
M.	Secondary .....	133,761	87,545	-	-
N.	Consumption (C+F+H-G-K) Total .....	2,077,302	1,855,894	266,633	248,414
O.	Primary .....	2,076,543	1,806,859	237,322	218,412
P.	Secondary .....	759	49,035	29,311	30,002
Cumulative Totals - January- August					
C.	Production - Total .....	16,535,173	13,266,823	2,000,987	1,955,299
D.	Primary .....	14,232,051	12,399,956	1,703,088	1,594,007
E.	Secondary .....	2,303,122	866,867	297,899	361,292
F.	Receipts - from other Provinces .....	2,989,311	3,070,512	381,300	367,083
G.	Deliveries - to other Provinces .....	6,901	6,393	97,495	110,068
H.	Imports - from U.S.A. Total .....	56,507	99,333	-	-
I.	Primary .....	56,507	99,333	-	-
J.	Secondary .....	-	-	-	-
K.	Exports - to U.S.A. Total .....	2,454,826	918,622	3	4
L.	Primary .....	472,324	438,448	3	4
M.	Secondary .....	1,982,502	480,174	-	-
N.	Consumption (C+F+H-G-K) Total .....	17,119,264	15,511,653	2,284,789	2,212,310
O.	Primary .....	16,798,644	15,124,960	1,986,890	1,851,018
P.	Secondary .....	320,620	386,693	297,899	361,292



# CENTRAL ELECTRIC STATIONS

Month of August, 1955

(000 Kw. Hrs.)

PRINCE EDWARD ISLAND		NOVA SCOTIA		NEW BRUNSWICK		QUEBEC		
1955	1954	1955	1954	1955	1954	1955	1954	
-	10	36,051	38,155	41,873	57,587	2,918,102	2,748,518	A.
3,537	2,692	59,878	49,818	31,037	19,566	2,472	364	B.
3,537	2,702	95,929	87,973	72,910	77,153	2,920,574	2,748,882	C.
3,537	2,702	95,929	87,973	72,910	75,435	2,853,477	2,658,219	D.
-	-	-	-	-	1,718	67,097	90,663	E.
-	-	-	-	671	915	873	783	F.
-	-	-	-	-	-	331,622	353,093	G.
-	-	-	-	-	-	63	14	H.
-	-	-	-	-	-	63	14	I.
-	-	-	-	-	-	-	-	J.
-	-	-	-	787	6,335	58,895	58,390	K.
-	-	-	-	787	4,617	55,742	56,087	L.
-	-	-	-	-	1,718	3,153	2,303	M.
3,537	2,702	95,929	87,973	72,794	71,733	2,530,993	2,338,196	N.
3,537	2,702	95,929	87,973	72,794	71,733	2,467,049	2,249,836	O.
-	-	-	-	-	-	63,944	88,360	P.
Cumulative Totals - January--August								
29,087	21,456	772,507	731,074	589,750	573,737	23,936,788	22,808,421	C.
29,087	21,456	772,507	731,074	581,304	562,568	22,136,769	21,186,716	D.
-	-	-	-	8,446	11,169	1,800,019	1,621,705	E.
-	-	-	-	6,981	6,498	6,901	6,655	F.
-	-	-	-	-	262	2,898,797	2,966,942	G.
-	-	-	-	-	-	547	128	H.
-	-	-	-	-	-	547	128	I.
-	-	-	-	-	-	-	-	J.
-	-	-	-	32,213	41,364	437,831	442,671	K.
-	-	-	-	23,767	30,195	421,015	430,378	L.
-	-	-	-	8,446	11,169	16,816	12,293	M.
29,087	21,456	772,507	731,074	564,518	538,609	20,607,608	19,405,591	N.
29,087	21,456	772,507	731,074	564,518	538,609	18,824,405	17,796,179	O.
-	-	-	-	-	-	1,783,203	1,609,412	P.
SASKATCHEWAN		ALBERTA		BRITISH COLUMBIA		YUKON - N.W.T.		
46,017	46,655	71,663	77,331	485,234	432,191	7,210		A.
69,712	58,629	60,517	41,231	6,891	7,206	68		B.
115,729	105,284	132,180	118,562	492,125	439,397	7,278		C.
115,729	105,284	132,180	118,562	492,125	439,397	6,416	Monthly	D.
-	-	-	-	-	-	862	data	E.
-	-	4,302	858	-	-	-	not	F.
46,017	46,655	-	-	4,302	858	-	collected	G.
-	-	-	-	127	162	-		H.
-	-	-	-	127	162	-		I.
-	-	-	-	-	-	-		J.
-	-	-	-	16,040	14,938	-	until	K.
-	-	-	-	16,040	14,938	-	1955	L.
-	-	-	-	-	-	-		M.
69,712	58,629	136,482	119,420	471,910	423,763	7,278		N.
69,712	58,629	136,482	119,420	471,910	423,763	6,416		O.
-	-	-	-	-	-	862		P.
Cumulative Totals - January--August								
924,630	828,870	1,075,167	955,500	3,950,232	3,437,912	58,496		C.
924,630	828,870	1,075,167	955,500	3,950,025	3,437,912	52,657		D.
-	-	-	-	207	-	5,839		E.
-	-	11,518	12,211	-	-	-		F.
381,300	367,083	-	-	11,518	12,211	-		G.
-	-	-	-	1,288	3,650	-		H.
-	-	-	-	1,288	3,650	-		I.
-	-	-	-	-	-	-		J.
-	-	-	-	131,617	87,632	-		K.
-	-	-	-	131,617	87,632	-		L.
-	-	-	-	-	-	-		M.
543,330	461,787	1,086,685	967,711	3,808,385	3,341,719	58,496		N.
543,330	461,787	1,086,685	967,711	3,808,178	3,341,719	52,657		O.
-	-	-	-	207	-	5,839		P.

## CENTRAL ELECTRIC STATIONS

(Thousands of Kilowatt Hours)

## PRODUCTION

	1951	1952	1953	1954	1955
January .....	4,786,427	5,268,718	5,656,537	x 5,633,449	x 6,546,830
February .....	4,377,699	4,969,944	x 5,255,048	x 5,152,431	x 5,972,753
March .....	4,912,309	5,217,771	x 5,779,752	x 5,765,717	x 6,634,995
April .....	4,897,191	5,030,255	x 5,741,187	x 5,652,708	6,362,892
May .....	5,131,992	5,334,918	x 5,757,213	x 5,928,546	6,640,382
June .....	4,708,904	4,986,300	5,264,516	x 5,674,863	6,090,280
July .....	4,630,320	4,841,336	5,180,727	x 5,478,282	5,903,332
August .....	4,597,412	4,968,011	5,089,323	x 5,447,179	6,052,142
September .....	4,405,976	4,993,148	5,088,698	5,509,800	
October .....	4,921,211	5,418,718	5,509,919	6,131,271	
November .....	4,938,270	5,221,355	x 5,447,837	6,206,137	
December .....	5,112,807	5,535,561	5,718,496	6,556,201	

## IMPORTS FROM THE UNITED STATES

January .....	303	88	x 574	33,942	x 3,466
February .....	162	4,873	x 425	21,938	4,290
March .....	150	3,328	x 940	6,447	5,122
April .....	109	5,164	x 500	23,566	1,060
May .....	147	329	x 264	7,831	1,185
June .....	114	140	x 282	5,330	5,523
July .....	117	137	x 326	1,377	12,673
August .....	140	2,762	x 416	2,680	25,023
September .....	6,102	833	x 65,416	3,060	
October .....	72	50	x 30,584	3,149	
November .....	145	165	x 46,478	4,198	
December .....	115	442	x 32,594	4,117	

## EXPORTS TO THE UNITED STATES

January .....	172,499	210,135	x 215,202	137,781	375,907
February .....	164,805	210,454	x 196,975	130,283	330,580
March .....	220,900	240,115	x 218,409	148,023	381,622
April .....	208,203	236,150	x 235,302	164,845	435,642
May .....	231,344	268,639	x 236,046	213,670	525,908
June .....	224,611	233,819	x 200,262	213,895	373,462
July .....	237,823	202,453	x 209,352	257,964	360,587
August .....	159,726	206,370	x 192,290	223,832	272,782
September .....	134,692	174,137	x 161,634	211,818	
October .....	202,694	173,364	x 190,719	336,109	
November .....	203,736	150,156	x 191,184	321,381	
December .....	214,387	187,241	x 176,655	358,707	

## CONSUMPTION OF PRIMARY POWER

(Production plus Imports less Exports and Secondary Power)

January .....	4,370,086	4,784,385	5,106,043	x 5,378,953	x 5,797,713
February .....	3,984,239	4,500,020	x 4,681,074	x 4,873,747	x 5,336,128
March .....	4,396,928	4,702,447	x 5,131,365	x 5,391,906	x 5,912,789
April .....	4,228,887	4,474,730	x 4,892,161	x 5,105,672	5,496,513
May .....	4,409,091	4,595,893	x 4,954,273	x 5,176,603	5,623,512
June .....	4,243,126	4,345,595	x 4,790,738	x 5,035,235	5,496,284
July .....	4,206,158	4,357,670	4,773,393	x 4,967,850	5,425,244
August .....	4,316,610	4,456,660	4,781,887	x 5,058,630	5,709,507
September .....	4,149,096	4,570,727	x 4,856,892	5,110,850	
October .....	4,512,485	4,927,204	5,182,932	5,440,515	
November .....	4,472,696	4,804,931	x 5,140,372	5,504,247	
December .....	4,626,360	5,048,084	5,398,403	5,798,928	

# DOMINION BUREAU OF STATISTICS

OTTAWA - CANADA

Published by Authority of the Rt. Hon. C. D. Howe, Minister of Trade and Commerce



Memorandum

Vol. 23, No. 9

Electric power statistics  
September, 1955

Price: \$1.00 per year

## CENTRAL ELECTRIC STATIONS

Month	Total Production			Consumption of Primary Power		
	1953	1954	1955	1953	1954	1955
Daily Averages (Thousands of Kilowatt Hours)						
January .....	182,469	x 181,724	x 211,188	164,711	x 173,515	x 187,023
February .....	x 187,680	x 184,015	x 213,313	x 167,181	x 174,062	x 190,576
March .....	x 186,444	x 185,991	x 214,032	x 165,528	x 173,932	x 190,735
April .....	x 191,373	x 188,424	212,096	x 163,072	x 170,189	183,217
May .....	x 185,717	x 191,243	214,206	x 159,815	x 166,987	181,404
June .....	175,484	x 189,162	203,009	159,691	x 167,841	183,209
July .....	167,120	x 176,719	190,430	153,980	x 160,253	175,008
August .....	164,172	x 175,715	195,230	154,254	x 163,182	184,178
September .....	169,623	183,660	200,083	x 161,896	170,362	190,192
October .....	177,739	197,783		167,191	175,500	
November .....	x 181,595	206,871		x 171,346	183,475	
December .....	184,468	211,490		171,142	187,062	

INDEX NUMBERS — Seasonally adjusted  
(Average 1935 — 1939 = 100)

January .....	250.5	249.4	x 289.9	330.6	348.3	x 375.4
February .....	252.5	247.6	x 287.0	335.1	348.9	x 382.0
March .....	254.3	253.7	x 291.9	337.4	354.5	x 388.8
April .....	268.8	264.6	297.9	x 338.0	352.7	379.7
May .....	x 265.0	272.9	305.7	x 334.7	349.8	380.0
June .....	253.6	273.4	293.4	333.9	351.0	383.1
July .....	254.7	269.3	290.2	333.6	347.2	379.2
August .....	243.0	x 260.1	289.0	327.0	x 346.0	390.5
September .....	241.8	261.8	285.2	x 330.3	347.6	388.0
October .....	241.1	268.3		328.8	345.1	
November .....	x 235.2	267.9		x 331.4	354.9	
December .....	246.6	282.7		346.1	371.8	

x Revised

504-509-95

Prepared in the Public Finance and Transportation Division



## CENTRAL ELECTRIC STATIONS

Month of September, 1955

(Thousand Kilowatt Hours)

		CANADA		NEWFOUNDLAND	
		1955	* 1954	1955	1954
A.	Production — Hydraulic .....	5,639,271	5,300,517	77,007	18,084
B.	Thermal .....	363,226	209,283	125	-
C.	Total .....	6,002,497	5,509,800	77,132	18,084
D.	Primary .....	5,775,838	5,235,518	77,132	18,084
E.	Secondary .....	226,659	274,282	-	-
F.	Receipts — from other Provinces .....	-	-	-	-
G.	Deliveries — to other Provinces .....	-	-	-	-
H.	Imports — from U.S.A. Total .....	50,748	3,060	-	-
I.	Primary .....	50,748	3,060	-	-
J.	Secondary .....	-	-	-	-
K.	Exports — to U.S.A. Total .....	232,363	211,818	-	-
L.	Primary .....	120,835	127,728	-	-
M.	Secondary .....	111,528	84,090	-	-
N.	Consumption (C+F+H-G-K) Total .....	5,820,882	5,301,042	77,132	18,084
O.	Primary .....	5,705,751	5,110,850	77,132	18,084
P.	Secondary .....	115,131	190,192	-	-
Cumulative Totals — January — September					
C.	Production — Total .....	56,206,103	50,242,975	407,921	172,167
D.	Primary .....	51,563,912	47,107,660	407,921	172,167
E.	Secondary .....	4,642,191	3,135,315	-	-
F.	Receipts — from other Provinces .....	-	-	-	-
G.	Deliveries — to other Provinces .....	-	-	-	-
H.	Imports — from U.S.A. Total .....	109,090	106,171	-	-
I.	Primary .....	109,090	106,171	-	-
J.	Secondary .....	-	-	-	-
K.	Exports — to U.S.A. Total .....	3,288,853	1,702,110	-	-
L.	Primary .....	1,169,561	1,114,384	-	-
M.	Secondary .....	2,119,292	587,726	-	-
N.	Consumption (C+F+H-G-K) Total .....	53,026,340	48,647,036	407,921	172,167
O.	Primary .....	50,503,441	46,099,447	407,921	172,167
P.	Secondary .....	2,522,899	2,547,589	-	-
ONTARIO					
A.	Production — Hydraulic .....	1,767,659	1,636,192	246,536	239,982
B.	Thermal .....	121,725	27,659	-	-
C.	Total .....	1,889,384	1,663,851	246,536	239,982
D.	Primary .....	1,782,338	1,541,833	210,315	195,626
E.	Secondary .....	107,046	122,018	36,221	44,356
F.	Receipts — from other Provinces .....	346,987	370,366	45,215	45,653
G.	Deliveries — to other Provinces .....	808	783	11,952	12,567
H.	Imports — from U.S.A. Total .....	41,362	2,828	-	-
I.	Primary .....	41,362	2,828	-	-
J.	Secondary .....	-	-	-	-
K.	Exports — to U.S.A. Total .....	163,573	136,721	-	-
L.	Primary .....	56,527	54,284	-	-
M.	Secondary .....	107,046	82,437	-	-
N.	Consumption (C+F+H-G-K) Total .....	2,113,352	1,899,541	279,799	273,068
O.	Primary .....	2,113,352	1,859,960	243,578	228,712
P.	Secondary .....	-	39,581	36,221	44,356
MANITOBA					
C.	Production — Total .....	18,424,557	14,930,674	2,247,523	2,195,281
D.	Primary .....	16,014,389	13,941,789	1,913,403	1,789,633
E.	Secondary .....	2,410,168	988,885	334,120	405,648
F.	Receipts — from other Provinces .....	3,336,298	3,440,878	426,515	412,736
G.	Deliveries — to other Provinces .....	7,709	7,176	109,447	122,635
H.	Imports — from U.S.A. Total .....	97,869	102,161	-	-
I.	Primary .....	97,869	102,161	-	-
J.	Secondary .....	-	-	-	-
K.	Exports — to U.S.A. Total .....	2,618,399	1,055,343	3	4
L.	Primary .....	528,851	492,732	3	4
M.	Secondary .....	2,089,548	562,611	-	-
N.	Consumption (C+F+H-G-K) Total .....	19,232,616	17,411,194	2,564,588	2,485,378
O.	Primary .....	18,911,996	16,984,920	2,230,468	2,079,730
P.	Secondary .....	320,620	426,274	334,120	405,648
Cumulative Totals — January — September					

\* Revised.

## CENTRAL ELECTRIC STATIONS

Month of September, 1955

(000 Kw. Hrs.)

PRINCE EDWARD ISLAND		NOVA SCOTIA		NEW BRUNSWICK		QUEBEC		
1955	1954	1955	1954	1955	1954	1955	1954	
-	5	34,077	35,857	33,340	52,602	2,884,904	2,754,096	A.
3,905	2,604	63,245	52,339	31,511	20,158	1,756	363	B.
3,905	2,609	97,322	88,196	64,851	72,760	2,886,660	2,754,459	C.
3,905	2,609	97,322	88,196	64,851	71,326	2,804,531	2,647,985	D.
-	-	-	-	-	1,434	82,129	106,474	E.
-	-	-	-	689	875	808	783	F.
-	-	-	-	-	-	335,724	358,674	G.
-	-	-	-	-	-	51	16	H.
-	-	-	-	-	-	51	16	I.
-	-	-	-	-	-	-	-	J.
-	-	-	-	534	5,294	58,804	54,449	K.
-	-	-	-	534	3,860	54,322	54,230	L.
-	-	-	-	-	1,434	4,482	219	M.
3,905	2,609	97,322	88,196	65,006	68,341	2,492,991	2,342,135	N.
3,905	2,609	97,322	88,196	65,006	68,341	2,415,344	2,235,880	O.
-	-	-	-	-	-	77,647	106,255	P.
Cumulative Totals - January - September								
32,992	24,065	869,829	819,270	654,601	646,497	26,823,448	25,562,880	C.
32,992	24,065	869,829	819,270	646,155	633,894	24,941,300	23,834,701	D.
-	-	-	-	8,446	12,603	1,882,148	1,728,179	E.
-	-	-	-	7,670	7,373	7,709	7,438	F.
-	-	-	-	-	262	3,234,521	3,325,616	G.
-	-	-	-	-	-	598	144	H.
-	-	-	-	-	-	598	144	I.
-	-	-	-	-	-	-	-	J.
-	-	-	-	32,747	46,658	496,635	497,119	K.
-	-	-	-	24,301	34,055	475,337	484,607	L.
-	-	-	-	8,446	12,603	21,298	12,512	M.
32,992	24,065	869,829	819,270	629,524	606,950	23,100,599	21,747,727	N.
32,992	24,065	869,829	819,270	629,524	606,950	21,239,749	20,032,060	O.
-	-	-	-	-	-	1,860,850	1,715,667	P.
SASKATCHEWAN		ALBERTA		BRITISH COLUMBIA		YUKON - N.W.T.		
45,215	45,653	71,346	82,549	471,594	435,497	7,593		A.
70,176	61,167	63,712	38,220	6,997	6,773	74		B.
115,391	106,820	135,058	120,769	478,591	442,270	7,667	Monthly	C.
115,391	106,820	135,058	120,769	478,591	442,270	6,404		D.
-	-	-	-	-	-	1,263		E.
-	-	4,877	858	-	-	-	data	F.
45,215	45,653	-	-	4,877	858	-		G.
-	-	-	-	9,335	216	-	not	H.
-	-	-	-	9,335	216	-		I.
-	-	-	-	-	-	-	collected	J.
-	-	-	-	9,452	15,354	-		K.
-	-	-	-	9,452	15,354	-	until	L.
-	-	-	-	-	-	-		M.
70,176	61,167	139,935	121,627	473,597	426,274	7,667	1955	N.
70,176	61,167	139,935	121,627	473,597	426,274	6,404		O.
-	-	-	-	-	-	1,263		P.
Cumulative Totals - January - September								
1,040,021	935,690	1,210,225	1,076,269	4,428,823	3,880,182	66,163		C.
1,040,021	935,690	1,210,225	1,076,269	4,428,616	3,880,182	59,061		D.
-	-	-	-	207	-	7,102		E.
-	-	16,395	13,069	-	-	-		F.
426,515	412,736	-	-	16,395	13,069	-		G.
-	-	-	-	10,623	3,866	-		H.
-	-	-	-	10,623	3,866	-		I.
-	-	-	-	-	-	-		J.
-	-	-	-	141,069	102,986	-		K.
-	-	-	-	141,069	102,986	-		L.
-	-	-	-	-	-	-		M.
613,506	522,954	1,226,620	1,089,338	4,281,982	3,767,993	66,163		N.
613,506	522,954	1,226,620	1,089,338	4,281,775	3,767,993	59,061		O.
-	-	-	-	207	-	7,102		P.

# CENTRAL ELECTRIC STATIONS

(Thousands of Kilowatt Hours)

## PRODUCTION

	1951	1952	1953	1954	1955
January.....	4,786,427	5,268,718	5,656,537	x 5,633,449	x 6,546,830
February.....	4,377,699	4,969,944	x 5,255,048	x 5,152,431	x 5,972,753
March.....	4,912,309	5,217,771	x 5,779,752	x 5,765,717	x 6,634,995
April.....	4,897,191	5,030,255	x 5,741,187	x 5,652,708	6,362,892
May.....	5,131,992	5,334,918	x 5,757,213	x 5,928,546	6,640,382
June.....	4,708,904	4,986,300	5,264,516	x 5,674,863	6,090,280
July.....	4,630,320	4,841,336	5,180,727	x 5,478,282	5,903,332
August.....	4,597,412	4,968,011	5,089,323	x 5,447,179	6,052,142
September.....	4,405,976	4,993,148	5,088,698	5,509,800	6,002,497
October.....	4,921,211	5,418,718	5,509,919	6,131,271	
November.....	4,938,270	5,221,355	x 5,447,837	6,206,137	
December.....	5,112,807	5,535,561	5,718,496	6,556,201	

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January.....	303	88	x 574	33,942	x 3,466
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May.....	147	329	x 264	7,831	1,185
June.....	114	140	x 282	5,330	5,523
July.....	117	137	x 326	1,377	12,673
August.....	140	2,762	x 416	2,680	25,023
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November.....	203,736	150,156	x 191,184	321,381	
December.....	214,387	187,241	x 176,655	358,707	

## CONSUMPTION OF PRIMARY POWER

(Production plus Imports less Exports and Secondary Power)

January.....	4,370,086	4,784,385	5,106,043	x 5,378,953	x 5,797,713
February.....	3,984,239	4,500,020	x 4,681,074	x 4,873,747	x 5,336,128
March.....	4,396,928	4,702,447	x 5,131,365	x 5,391,906	x 5,912,789
April.....	4,228,887	4,474,730	x 4,892,161	x 5,105,672	5,496,513
May.....	4,409,091	4,595,893	x 4,954,273	x 5,176,603	5,623,512
June.....	4,243,426	4,345,595	x 4,790,738	x 5,035,235	5,496,284
July.....	4,206,158	4,357,670	4,773,393	x 4,967,850	5,425,244
August.....	4,316,610	4,456,660	4,781,887	x 5,058,630	5,709,507
September.....	4,149,096	4,570,727	x 4,856,892	5,110,850	5,705,751
October.....	4,512,485	4,927,204	5,182,932	5,440,515	
November.....	4,472,696	4,804,931	x 5,140,372	5,504,247	
December.....	4,626,360	5,048,084	5,398,403	5,798,928	

x Revised.



## DOMINION BUREAU OF STATISTICS

OTTAWA - CANADA

Published by Authority of the Rt. Hon. C. D. Howe, Minister of Trade and Commerce



Memorandum

Electric power statistics

Vol. 23, No. 10

October, 1955

Price: \$1.00 per year

## CENTRAL ELECTRIC STATIONS

Month	Total Production			Consumption of Primary Power		
	1953	1954	1955	1953	1954	1955
Daily Averages (Thousands of Kilowatt Hours)						
January .....	182,469	x 181,724	x 211,188	164,711	x 173,515	x 187,023
February .....	x 187,680	x 184,015	x 213,313	x 167,181	x 174,062	x 190,576
March .....	x 186,444	x 185,991	x 214,032	x 165,528	x 173,932	x 190,735
April .....	x 191,373	x 188,424	212,096	x 163,072	x 170,189	183,217
May .....	x 185,717	x 191,243	214,206	x 159,815	x 166,987	181,404
June .....	175,484	x 189,162	203,009	159,691	x 167,841	183,209
July .....	167,120	x 176,719	190,430	153,980	x 160,253	175,008
August .....	164,172	x 175,715	195,230	154,254	x 163,182	184,178
September .....	169,623	183,660	200,083	x 161,896	170,362	190,192
October .....	177,739	197,783	207,436	167,191	175,500	193,892
November .....	x 181,595	206,871		x 171,346	183,475	
December .....	184,468	211,490		171,142	187,062	

INDEX NUMBERS — Seasonally adjusted  
(Average 1935 — 1939 = 100)

January .....	250.5	249.4	x 289.9	330.6	348.3	x 375.4
February .....	252.5	247.6	x 287.0	335.1	348.9	x 382.0
March .....	254.3	253.7	x 291.9	337.4	354.5	x 388.8
April .....	268.8	264.6	297.9	x 338.0	352.7	379.7
May .....	x 265.0	272.9	305.7	x 334.7	349.8	380.0
June .....	253.6	273.4	293.4	333.9	351.0	383.1
July .....	254.7	269.3	290.2	333.6	347.2	379.2
August .....	243.0	x 260.1	289.0	327.0	x 346.0	390.5
September .....	241.8	261.8	285.2	x 330.3	347.6	388.0
October .....	241.1	268.3	281.4	328.8	345.1	381.3
November .....	x 235.2	267.9		x 331.4	354.9	
December .....	246.6	282.7		346.1	371.8	

x Revised

8504-509-105

Prepared in the Public Finance and Transportation Division

## CENTRAL ELECTRIC STATIONS

(Thousand Kilowatt Hours)

Month of October, 1955.

			CANADA		NEWFOUNDLAND	
			1955	1954	1955	1954
A.	Production	— Hydraulic .....	6,065,937	5,904,442	85,098	21,384
B.		Thermal .....	364,587	226,829	145	-
C.		Total .....	6,430,524	6,131,271	85,243	21,384
D.		Primary .....	6,100,720	5,569,021	85,243	21,384
E.		Secondary .....	329,804	562,250	-	-
F.	Receipts	— from other Provinces .....	-	-	-	-
G.	Deliveries	— to other Provinces .....	-	-	-	-
H.	Imports	— from U.S.A. Total .....	28,322	3,149	-	-
I.		Primary .....	28,322	3,149	-	-
J.		Secondary .....	-	-	-	-
K.	Exports	— to U.S.A. Total .....	309,246	336,109	-	-
L.		Primary .....	118,383	131,655	-	-
M.		Secondary .....	190,863	204,454	-	-
N.	Consumption (C+F+H-G-K) Total .....		6,149,600	5,798,311	85,243	21,384
O.		Primary .....	6,010,659	5,440,515	85,243	21,384
P.		Secondary .....	138,941	357,796	-	-
Cumulative Totals — January — October						
C.	Production	Total .....	62,636,627	56,374,246	493,164	193,551
D.		Primary .....	57,664,632	52,676,681	493,164	193,551
E.		Secondary .....	4,971,995	3,697,565	-	-
F.	Receipts	— from other Provinces .....	-	-	-	-
G.	Deliveries	— to other Provinces .....	-	-	-	-
H.	Imports	— from U.S.A. Total .....	137,412	109,320	-	-
I.		Primary .....	137,412	109,320	-	-
J.		Secondary .....	-	-	-	-
K.	Exports	— to U.S.A. Total .....	3,598,099	2,038,220	-	-
L.		Primary .....	1,287,944	1,246,040	-	-
M.		Secondary .....	2,310,155	792,180	-	-
N.	Consumption (C+F+H-G-K) Total .....		59,175,940	54,445,346	493,164	193,551
O.		Primary .....	56,514,100	51,539,961	493,164	193,551
P.		Secondary .....	2,661,840	2,905,385	-	-
			ONTARIO		MANITOBA	
A.	Production	— Hydraulic .....	2,037,557	1,904,854	258,930	263,045
B.		Thermal .....	86,673	21,775	168	6
C.		Total .....	2,124,230	1,926,629	259,098	263,051
D.		Primary .....	1,936,743	1,659,164	225,564	208,416
E.		Secondary .....	187,487	267,465	33,534	54,635
F.	Receipts	— from other Provinces .....	362,474	402,895	47,722	47,493
G.	Deliveries	— to other Provinces .....	874	801	12,322	13,816
H.	Imports	— from U.S.A. Total .....	24,105	2,971	-	-
I.		Primary .....	24,105	2,971	-	-
J.		Secondary .....	-	-	-	-
K.	Exports	— to U.S.A. Total .....	244,906	259,923	1	1
L.		Primary .....	57,958	57,311	1	1
M.		Secondary .....	186,948	202,612	-	-
N.	Consumption (C+F+H-G-K) Total .....		2,265,029	2,071,771	294,497	296,727
O.		Primary .....	2,264,490	2,006,918	260,963	242,092
P.		Secondary .....	539	64,853	33,534	54,635
Cumulative Totals — January — October						
C.	Production	Total .....	20,548,787	16,857,303	2,506,621	2,458,332
D.		Primary .....	17,951,132	15,600,953	2,138,967	1,998,049
E.		Secondary .....	2,597,655	1,256,350	367,654	460,283
F.	Receipts	— from other Provinces .....	3,698,772	3,843,773	474,237	460,229
G.	Deliveries	— to other Provinces .....	8,583	7,977	121,769	136,451
H.	Imports	— from U.S.A. Total .....	121,974	105,132	-	-
I.		Primary .....	121,974	105,132	-	-
J.		Secondary .....	-	-	-	-
K.	Exports	— to U.S.A. Total .....	2,863,305	1,315,266	4	5
L.		Primary .....	586,809	550,043	4	5
M.		Secondary .....	2,276,496	765,223	-	-
N.	Consumption (C+F+H-G-K) Total .....		21,497,645	19,482,965	2,859,085	2,782,105
O.		Primary .....	21,176,486	18,991,838	2,491,431	2,321,822
P.		Secondary .....	321,159	491,127	367,654	460,283

## CENTRAL ELECTRIC STATIONS

Month of October, 1955

(000 Kw. Hrs.)

PRINCE EDWARD ISLAND		NOVA SCOTIA		NEW BRUNSWICK		QUEBEC		
1955	1954	1955	1954	1955	1954	1955	1954	
-	4	33,815	33,291	33,961	61,406	3,004,946	3,031,191	A.
4,140	2,924	72,206	61,282	33,166	16,887	2,153	515	B.
4,140	2,928	106,021	94,573	67,127	78,293	3,007,099	3,031,706	C.
4,140	2,928	106,021	94,573	67,127	76,636	2,899,732	2,793,213	D.
-	-	-	-	-	1,657	107,367	238,493	E.
-	-	-	-	844	875	874	801	F.
-	-	-	-	-	-	350,996	389,954	G.
-	-	-	-	-	-	47	15	H.
-	-	-	-	-	-	47	15	I.
-	-	-	-	-	-	-	-	J.
-	-	-	-	137	5,430	59,957	56,229	K.
-	-	-	-	137	3,773	56,042	56,044	L.
-	-	-	-	-	1,657	3,915	185	M.
4,140	2,928	106,021	94,573	67,834	73,738	2,597,067	2,586,339	N.
4,140	2,928	106,021	94,573	67,834	73,738	2,493,615	2,348,031	O.
-	-	-	-	-	-	103,452	238,308	P.
Cumulative Totals - January - October								
37,132	26,993	975,850	913,843	721,728	724,790	29,830,547	28,594,586	C.
37,132	26,993	975,850	913,843	713,282	710,530	27,841,032	26,627,914	D.
-	-	-	-	8,446	14,260	1,989,515	1,966,672	E.
-	-	-	-	8,514	8,248	8,583	8,239	F.
-	-	-	-	-	262	3,585,517	3,715,570	G.
-	-	-	-	-	-	645	159	H.
-	-	-	-	-	-	645	159	I.
-	-	-	-	-	-	-	-	J.
-	-	-	-	32,884	52,088	556,592	553,349	K.
-	-	-	-	24,438	37,828	531,379	540,652	L.
-	-	-	-	8,446	14,260	25,213	12,697	M.
37,132	26,993	975,850	913,843	697,358	680,688	25,697,666	24,334,065	N.
37,132	26,993	975,850	913,843	697,358	680,688	23,733,364	22,380,090	O.
-	-	-	-	-	-	1,964,302	1,953,975	P.
SASKATCHEWAN		ALBERTA		BRITISH COLUMBIA		YUKON - N.W.T.		
47,722	47,493	61,527	76,764	494,240	465,010	8,141		
73,991	64,951	84,021	49,727	7,841	8,762	83		B.
121,713	112,444	145,548	126,491	502,081	473,772	8,224		C.
121,713	112,444	145,548	126,491	502,081	473,772	6,808	Monthly	D.
-	-	-	-	-	-	1,416		E.
-	-	5,909	887	-	-	-	data	F.
47,722	47,493	-	-	5,909	887	-		G.
-	-	-	-	4,170	163	-	not	H.
-	-	-	-	4,170	163	-		I.
-	-	-	-	-	-	-	collected	J.
-	-	-	-	4,245	14,526	-		K.
-	-	-	-	4,245	14,526	-	until	L.
-	-	-	-	-	-	-		M.
73,991	64,951	151,457	127,378	496,097	458,522	8,224	1955	N.
73,991	64,951	151,457	127,378	496,097	458,522	6,808		O.
-	-	-	-	-	-	1,416		P.
Cumulative Totals - January - October								
1,161,734	1,048,134	1,355,773	1,202,760	4,930,904	4,353,954	74,387		C.
1,161,734	1,048,134	1,355,773	1,202,760	4,930,697	4,353,954	65,869		D.
-	-	-	-	207	-	8,518		E.
-	-	22,304	13,956	-	-	-		F.
474,237	460,229	-	-	22,304	13,956	-		G.
-	-	-	-	14,793	4,029	-		H.
-	-	-	-	14,793	4,029	-		I.
-	-	-	-	-	-	-		J.
-	-	-	-	145,314	117,512	-		K.
-	-	-	-	145,314	117,512	-		L.
-	-	-	-	-	-	-		M.
687,497	587,905	1,378,077	1,216,716	4,778,079	4,226,515	74,387		N.
687,497	587,905	1,378,077	1,216,716	4,777,872	4,226,515	65,869		O.
-	-	-	-	207	-	8,518		P.



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March .....	4,396,928	4,702,447	x 5,131,365	x 5,391,906	x 5,912,789
April .....	4,228,887	4,474,730	x 4,892,161	x 5,105,672	5,496,513
May .....	4,409,091	4,595,893	x 4,954,273	x 5,176,603	5,623,512
June .....	4,243,426	4,345,595	x 4,790,738	x 5,035,235	5,496,284
July .....	4,206,158	4,357,670	4,773,393	x 4,967,850	5,425,244
August .....	4,210,610	4,456,060	4,781,887	x 5,058,630	5,709,507
September .....	4,149,096	4,570,727	x 4,856,892	5,110,850	5,705,751
October .....	4,512,485	4,927,204	5,182,932	5,440,515	5,210,459
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## OTTAWA - CANADA

Published by Authority of the Rt. Hon. C. D. Howe, Minister of Trade and Commerce



Memorandum

*Electric power statistic*

Vol. 23, No. 11

November, 1955

Price: \$1.00 per year

### CENTRAL ELECTRIC STATIONS

Month	Total Production			Consumption of Primary Power		
	1953	1954	1955	1953	1954	1955
Daily Averages (Thousands of Kilowatt Hours)						
January .....	182,469	x 181,724	x 211,188	164,711	x 173,515	x 187,023
February .....	x 187,680	x 184,015	x 213,313	x 167,181	x 174,062	x 190,576
March .....	x 186,444	x 185,991	x 214,032	x 165,528	x 173,932	x 190,735
April .....	x 191,373	x 188,424	212,096	x 163,072	x 170,189	183,217
May .....	x 185,717	x 191,243	214,206	x 159,815	x 166,987	181,404
June .....	175,484	x 189,162	203,009	159,691	x 167,841	183,209
July .....	167,120	x 176,719	190,430	153,980	x 160,253	175,008
August .....	164,172	x 175,715	195,230	154,254	x 163,182	184,178
September .....	169,623	183,660	200,083	x 161,896	170,362	190,192
October .....	177,739	197,783	207,436	167,191	175,500	193,892
November .....	x 181,595	206,871	225,333	x 171,346	183,475	206,173
December .....	184,468	211,490		171,142	187,062	
INDEX NUMBERS — Seasonally adjusted (Average 1935 — 1939 = 100)						
January .....	250.5	249.4	x 289.9	330.6	348.3	x 375.4
February .....	252.5	247.6	x 287.0	335.1	348.9	x 382.0
March .....	254.3	253.7	x 291.9	337.4	354.5	x 388.8
April .....	268.8	264.6	297.9	x 338.0	352.7	379.7
May .....	x 265.0	272.9	305.7	x 334.7	349.8	380.0
June .....	253.6	273.4	293.4	333.9	351.0	383.1
July .....	254.7	269.3	290.2	333.6	347.2	379.2
August .....	243.0	x 260.1	289.0	327.0	x 346.0	390.5
September .....	241.8	261.8	285.2	x 330.3	347.6	388.0
October .....	241.1	268.3	281.4	328.8	345.1	381.3
November .....	x 235.2	267.9	291.8	x 331.4	354.9	398.8
December .....	246.6	282.7		346.1	371.8	

x Revised

8504-509-115

Prepared in the Public Finance and Transportation Division

## CENTRAL ELECTRIC STATIONS

Month of November, 1955

(Thousand Kilowatt Hours)

		CANADA		NEWFOUNDLAND	
		1955	1954	1955	1954
A.	Production - Hydraulic .....	6,434,578	5,966,873	84,608	21,844
B.	Thermal .....	325,401	239,264	155	-
C.	Total .....	6,759,979	6,206,137	84,763	21,844
D.	Primary .....	6,296,773	5,630,940	84,763	21,844
E.	Secondary .....	463,206	575,197	-	-
F.	Receipts - from other Provinces .....	-	-	-	-
G.	Deliveries - to other Provinces .....	-	-	-	-
H.	Imports - from U.S.A. Total .....	3,402	4,198	-	-
I.	Primary .....	3,402	4,198	-	-
J.	Secondary .....	-	-	-	-
K.	Exports - to U.S.A. Total .....	427,723	321,381	-	-
L.	Primary .....	114,980	130,891	-	-
M.	Secondary .....	312,743	190,490	-	-
N.	Consumption (C+F+H-G-K) Total .....	6,335,658	5,888,954	84,763	21,844
O.	Primary .....	6,185,195	5,504,247	84,763	21,844
P.	Secondary .....	150,463	384,707	-	-
Cumulative Totals - January - November					
C.	Production - Total .....	69,396,606	62,580,383	577,927	215,395
D.	Primary .....	63,961,405	58,307,621	577,927	215,395
E.	Secondary .....	5,435,201	4,272,762	-	-
F.	Receipts - from other Provinces .....	-	-	-	-
G.	Deliveries - to other Provinces .....	-	-	-	-
H.	Imports - from U.S.A. Total .....	140,814	113,518	-	-
I.	Primary .....	140,814	113,518	-	-
J.	Secondary .....	-	-	-	-
K.	Exports - to U.S.A. Total .....	4,025,822	2,359,601	-	-
L.	Primary .....	1,402,924	1,376,931	-	-
M.	Secondary .....	2,622,898	982,670	-	-
N.	Consumption (C+F+H-G-K) Total .....	65,311,598	60,334,300	577,927	215,395
O.	Primary .....	62,699,295	57,044,208	577,927	215,395
P.	Secondary .....	2,612,303	3,290,092	-	-
ONTARIO					
A.	Production - Hydraulic .....	2,312,676	1,940,147	281,919	262,358
B.	Thermal .....	28,967	28,718	44	63
C.	Total .....	2,341,643	1,968,865	281,963	262,421
D.	Primary .....	2,026,359	1,712,047	260,131	213,290
E.	Secondary .....	315,284	256,818	21,832	49,131
F.	Receipts - from other Provinces .....	385,936	392,558	47,873	47,608
G.	Deliveries - to other Provinces .....	906	873	11,701	12,371
H.	Imports - from U.S.A. Total .....	2,025	3,998	-	-
I.	Primary .....	2,025	3,998	-	-
J.	Secondary .....	-	-	-	-
K.	Exports - to U.S.A. Total .....	371,805	245,013	1	1
L.	Primary .....	61,212	56,316	1	1
M.	Secondary .....	310,593	188,697	-	-
N.	Consumption (C+F+H-G-K) Total .....	2,356,893	2,119,535	318,134	297,637
O.	Primary .....	2,352,202	2,051,414	296,302	248,526
P.	Secondary .....	4,691	68,121	21,832	49,111
Cumulative Totals - January - November					
C.	Production - Total .....	22,890,430	18,826,168	2,788,584	2,720,753
D.	Primary .....	19,977,491	17,313,000	2,399,098	2,211,339
E.	Secondary .....	2,912,939	1,513,168	389,486	509,414
F.	Receipts - from other Provinces .....	4,084,708	4,236,331	522,110	507,837
G.	Deliveries - to other Provinces .....	9,489	8,850	133,470	148,822
H.	Imports - from U.S.A. Total .....	123,999	109,130	-	-
I.	Primary .....	123,999	109,130	-	-
J.	Secondary .....	-	-	-	-
K.	Exports - to U.S.A. Total .....	3,235,110	1,560,279	5	6
L.	Primary .....	648,021	606,359	5	6
M.	Secondary .....	2,587,089	953,920	-	-
N.	Consumption (C+F+H-G-K) Total .....	23,854,538	21,602,500	3,177,219	3,079,762
O.	Primary .....	23,528,688	21,043,252	2,787,733	2,570,348
P.	Secondary .....	325,850	559,248	389,486	509,414
MANITOBA					



# CENTRAL ELECTRIC STATIONS

Month of November, 1955

(000 Kw. Hrs.)

PRINCE EDWARD ISLAND		NOVA SCOTIA		NEW BRUNSWICK		QUEBEC		
1955	1954	1955	1954	1955	1954	1955	1954	
-	10	31,131	44,583	29,757	61,699	3,021,714	3,027,878	A.
4,325	3,103	76,762	56,605	35,575	17,444	2,010	651	B.
4,325	3,113	107,893	101,188	65,332	79,143	3,023,724	3,028,529	C.
4,325	3,113	107,893	101,188	65,332	77,815	2,898,643	2,760,609	D.
-	-	-	-	-	1,328	125,081	267,920	E.
-	-	-	-	884	878	906	873	F.
-	-	-	-	-	-	375,119	381,065	G.
-	-	-	-	-	-	117	14	H.
-	-	-	-	-	-	117	14	I.
-	-	-	-	-	-	-	-	J.
-	-	-	-	3	4,965	55,340	54,579	K.
-	-	-	-	3	3,637	53,190	54,114	L.
-	-	-	-	-	1,328	2,150	465	M.
4,325	3,113	107,893	101,188	66,213	75,056	2,594,288	2,593,772	N.
4,325	3,113	107,893	101,188	66,213	75,056	2,471,357	2,326,317	O.
-	-	-	-	-	-	122,931	267,455	P.
Cumulative Totals - January - November								
41,457	30,106	1,083,743	1,015,031	787,060	803,933	32,854,271	31,623,115	C.
41,457	30,106	1,083,743	1,015,031	778,614	788,345	30,739,675	29,388,523	D.
-	-	-	-	8,446	15,588	2,114,596	2,234,592	E.
-	-	-	-	9,398	9,126	9,489	9,112	F.
-	-	-	-	-	262	3,960,636	4,096,635	G.
-	-	-	-	-	-	762	173	H.
-	-	-	-	-	-	762	173	I.
-	-	-	-	-	-	-	-	J.
-	-	-	-	32,887	57,053	611,932	607,928	K.
-	-	-	-	24,441	41,465	584,569	594,766	L.
-	-	-	-	8,446	15,588	27,363	13,162	M.
41,457	30,106	1,083,743	1,015,031	763,571	755,744	28,291,954	26,927,837	N.
41,457	30,106	1,083,743	1,015,031	763,571	755,744	26,204,721	24,706,407	O.
-	-	-	-	-	-	2,087,233	2,221,430	P.
SASKATCHEWAN		ALBERTA		BRITISH COLUMBIA		YUKON - N.W.T.		
47,873	47,608	75,319	78,208	541,666	482,538	7,915	Monthly	A.
76,738	68,222	90,251	57,260	10,477	7,198	97		B.
124,611	115,830	165,570	135,468	552,143	489,736	8,012		C.
124,611	115,830	165,570	135,468	552,143	489,736	7,003		D.
-	-	-	-	-	-	1,009		E.
-	-	5,559	860	-	-	-	data	F.
47,873	47,608	-	-	5,559	860	-	not collected until	G.
-	-	-	-	1,260	186	-		H.
-	-	-	-	1,260	186	-		I.
-	-	-	-	-	-	-		J.
-	-	-	-	574	16,823	-		K.
-	-	-	-	574	16,823	-	-	L.
-	-	-	-	-	-	-	-	M.
76,738	68,222	171,129	136,328	547,270	472,239	8,012	1955	N.
76,738	68,222	171,129	136,328	547,270	472,239	7,003	-	O.
-	-	-	-	-	-	1,009	-	P.
Cumulative Totals - January - November								
1,286,345	1,163,964	1,521,343	1,338,228	5,483,047	4,843,690	82,399		C.
1,286,345	1,163,964	1,521,343	1,338,228	5,482,840	4,843,690	72,872		D.
-	-	-	-	207	-	9,527		E.
-	-	27,863	14,816	-	-	-		F.
522,110	507,837	-	-	27,863	14,816	-		G.
-	-	-	-	16,053	4,215	-		H.
-	-	-	-	16,053	4,215	-		I.
-	-	-	-	-	-	-		J.
-	-	-	-	145,888	134,335	-		K.
-	-	-	-	145,888	134,335	-		L.
-	-	-	-	-	-	-		M.
764,235	656,127	1,549,206	1,353,044	5,325,349	4,698,754	82,399		N.
764,235	656,127	1,549,206	1,353,044	5,325,142	4,698,754	72,872		O.
-	-	-	-	207	-	9,527		P.

**CENTRAL ELECTRIC STATIONS**  
(Thousands of Kilowatt Hours)

**PRODUCTION**

	1951	1952	1953	1954	1955
January .....	4,786,427	5,268,718	5,656,537	x 5,633,449	x 6,546,830
February .....	4,377,699	4,969,944	x 5,255,048	x 5,152,431	x 5,972,753
March .....	4,912,309	5,217,771	x 5,779,752	x 5,765,717	x 6,634,995
April .....	4,897,191	5,030,255	x 5,741,187	x 5,652,708	6,362,892
May .....	5,131,992	5,334,918	x 5,757,213	x 5,928,546	6,640,382
June .....	4,708,904	4,986,300	5,264,516	x 5,674,863	6,090,280
July .....	4,630,320	4,841,336	5,180,727	x 5,478,282	5,903,332
August .....	4,597,412	4,968,011	5,089,323	x 5,447,179	6,052,142
September .....	4,405,976	4,993,148	5,088,698	5,509,800	6,002,497
October .....	4,921,211	5,418,718	5,509,919	6,131,271	6,430,524
November .....	4,938,270	5,221,355	x 5,447,837	6,206,137	6,759,979
December .....	5,112,807	5,535,561	5,718,496	6,556,201	

**IMPORTS FROM THE UNITED STATES**

January .....	303	88	x 574	33,942	x 3,466
February .....	162	4,873	x 425	21,938	4,290
March .....	150	3,328	x 940	6,447	5,122
April .....	109	5,164	x 500	23,566	1,060
May .....	147	329	x 264	7,831	1,185
June .....	114	140	x 282	5,330	5,523
July .....	117	137	x 326	1,377	12,673
August .....	140	2,762	x 416	2,680	25,023
September .....	6,102	833	x 65,416	3,060	50,748
October .....	72	50	x 30,584	3,149	28,322
November .....	145	165	x 46,478	4,198	3,402
December .....	115	442	x 32,594	4,117	

**EXPORTS TO THE UNITED STATES**

January .....	172,499	210,135	x 215,202	137,781	375,907
February .....	164,805	210,454	x 196,975	130,283	330,580
March .....	220,900	240,115	x 218,409	148,023	381,622
April .....	208,203	236,150	x 235,302	164,845	435,642
May .....	231,344	268,639	x 236,046	213,670	525,908
June .....	224,611	233,819	x 200,262	213,895	373,462
July .....	237,823	202,453	x 209,352	257,964	360,587
August .....	159,726	206,370	x 192,290	223,832	272,782
September .....	134,692	174,137	x 161,634	211,818	232,363
October .....	202,694	173,364	x 190,719	336,109	309,246
November .....	203,736	150,156	x 191,184	321,381	427,723
December .....	214,387	187,241	x 176,655	358,707	

**CONSUMPTION OF PRIMARY POWER**

(Production plus Imports less Exports and Secondary Power)

January .....	4,370,086	4,784,385	5,106,043	x 5,378,953	x 5,797,713
February .....	3,984,239	4,500,020	x 4,681,074	x 4,873,747	x 5,336,128
March .....	4,396,928	4,702,447	x 5,131,365	x 5,391,906	x 5,912,789
April .....	4,228,887	4,474,730	x 4,892,161	x 5,105,672	5,496,513
May .....	4,409,091	4,595,893	x 4,954,273	x 5,176,603	5,623,512
June .....	4,243,426	4,345,595	x 4,790,738	x 5,035,235	5,496,284
July .....	4,206,158	4,357,670	4,773,393	x 4,967,850	5,425,244
August .....	4,316,610	4,456,660	4,781,887	x 5,058,630	5,709,507
September .....	4,149,096	4,570,727	x 4,856,892	5,110,850	5,705,751
October .....	4,314,435	4,927,204	5,182,932	5,440,515	6,010,659
November .....	4,472,696	4,804,931	x 5,140,372	5,504,247	6,185,195
December .....	4,626,360	5,048,084	5,398,403	5,798,928	

# DOMINION BUREAU OF STATISTICS

## OTTAWA - CANADA

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### Memorandum

Vol. 23, No. 12

December, 1955

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## CENTRAL ELECTRIC STATIONS

Month	Total Production			Consumption of Primary Power		
	1953	1954	1955	1953	1954	1955
Daily Averages (Thousands of Kilowatt Hours)						
January .....	182,469	x 181,724	x 211,188	164,711	x 173,515	x 187,023
February .....	x 187,680	x 184,015	x 213,313	x 167,181	x 174,062	x 190,576
March .....	x 186,444	x 185,991	x 214,032	x 165,528	x 173,932	x 190,735
April .....	x 191,373	x 188,424	212,096	x 163,072	x 170,189	183,217
May .....	x 185,717	x 191,243	214,206	x 159,815	x 166,987	181,404
June .....	175,484	x 189,162	203,009	159,691	x 167,841	183,209
July .....	167,120	x 176,719	190,430	153,980	x 160,253	175,008
August .....	164,172	x 175,715	195,230	154,254	x 163,182	184,178
September .....	169,623	183,660	200,083	x 161,896	170,362	190,192
October .....	174,739	197,783	207,436	167,191	175,500	x 192,056
November .....	x 181,595	206,871	225,333	x 171,346	183,475	x 204,341
December .....	184,468	211,490	222,581	171,142	187,062	203,813

INDEX NUMBERS — Seasonally adjusted  
(Average 1935 — 1939 = 100)

January .....	250.5	249.4	x 289.9	330.6	348.3	x 375.4
February .....	252.5	247.6	x 287.0	335.1	348.9	x 382.0
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November .....	x 235.2	267.9	291.8	x 331.4	354.9	x 395.2
December .....	246.6	282.7	297.5	346.1	371.8	405.1

x Revised

3504-509-125

Prepared in the Public Finance and Transportation Division



## CENTRAL ELECTRIC STATIONS

(Thousand Kilowatt Hours)

Month of December, 1955

		CANADA		NEWFOUNDLAND	
		1955	1954	1955	1954
A.	Production — Hydraulic .....	6,505,279	6,320,975	83,636	22,451
B.	Thermal .....	394,745	235,226	173	-
C.	Total .....	6,900,024	6,556,201	83,809	22,451
D.	Primary .....	6,415,875	5,924,667	83,809	22,451
E.	Secondary .....	484,149	631,534	-	-
F.	Receipts — from other Provinces .....	-	-	-	-
G.	Deliveries — to other Provinces .....	-	-	-	-
H.	Imports — from U.S.A. Total .....	15,687	4,117	-	-
I.	Primary .....	15,687	4,117	-	-
J.	Secondary .....	-	-	-	-
K.	Exports — to U.S.A. Total .....	407,638	358,707	-	-
L.	Primary .....	113,359	129,856	-	-
M.	Secondary .....	294,279	228,851	-	-
N.	Consumption (C+F+H-G-K) Total .....	6,508,073	6,201,611	83,809	22,451
O.	Primary .....	6,318,203	5,798,928	83,809	22,451
P.	Secondary .....	189,870	402,683	-	-
Cumulative Totals — January — December					
C.	Production — Total .....	76,296,630	69,136,584	661,736	237,846
D.	Primary .....	70,265,384	64,232,288	661,736	237,846
E.	Secondary .....	6,031,246	4,904,296	-	-
F.	Receipts — from other Provinces .....	-	-	-	-
G.	Deliveries — to other Provinces .....	-	-	-	-
H.	Imports — from U.S.A. Total .....	156,501	117,635	-	-
I.	Primary .....	156,501	117,635	-	-
J.	Secondary .....	-	-	-	-
K.	Exports — to U.S.A. Total .....	4,433,460	2,718,308	-	-
L.	Primary .....	1,516,283	1,506,787	-	-
M.	Secondary .....	2,917,177	1,211,521	-	-
N.	Consumption (C+F+H-G-K) Total .....	72,019,671	66,535,911	661,736	237,846
O.	Primary .....	68,905,602	62,843,136	661,736	237,846
P.	Secondary .....	3,114,069	3,692,775	-	-
ONTARIO					
A.	Production — Hydraulic .....	2,367,891	2,122,914	312,415	286,674
B.	Thermal .....	77,826	14,531	-	775
C.	Total .....	2,445,717	2,137,445	312,415	287,449
D.	Primary .....	2,153,097	1,851,000	265,013	230,932
E.	Secondary .....	292,620	286,445	47,402	56,517
F.	Receipts — from other Provinces .....	357,300	360,635	47,291	51,463
G.	Deliveries — to other Provinces .....	1,081	962	11,979	13,455
H.	Imports — from U.S.A. Total .....	9,433	3,909	-	-
I.	Primary .....	9,433	3,909	-	-
J.	Secondary .....	-	-	-	-
K.	Exports — to U.S.A. Total .....	353,128	284,273	1	-
L.	Primary .....	62,352	57,473	1	-
M.	Secondary .....	290,776	226,800	-	-
N.	Consumption (C+F+H-G-K) Total .....	2,458,241	2,216,754	347,726	325,457
O.	Primary .....	2,456,397	2,157,109	300,324	268,940
P.	Secondary .....	1,844	59,645	47,402	56,517
MANITOBA					
Cumulative Totals — January — December					
C.	Production — Total .....	25,336,147	20,963,613	3,100,999	3,008,202
D.	Primary .....	22,130,588	19,164,000	2,664,111	2,442,271
E.	Secondary .....	3,205,559	1,799,613	436,888	565,931
F.	Receipts — from other Provinces .....	4,442,008	4,596,966	569,401	559,300
G.	Deliveries — to other Provinces .....	10,570	9,812	145,449	162,277
H.	Imports — from U.S.A. Total .....	133,432	113,039	-	-
I.	Primary .....	133,432	113,039	-	-
J.	Secondary .....	-	-	-	-
K.	Exports — to U.S.A. Total .....	3,588,238	1,844,552	6	6
L.	Primary .....	710,373	663,832	6	6
M.	Secondary .....	2,877,865	1,180,720	-	-
N.	Consumption (C+F+H-G-K) Total .....	26,312,779	23,819,254	3,524,945	3,405,219
O.	Primary .....	25,985,085	23,200,361	3,088,057	2,839,288
P.	Secondary .....	327,694	618,893	436,888	565,931

# CENTRAL ELECTRIC STATIONS

Month of December, 1955

(000 Kw. Hrs.)

PRINCE EDWARD ISLAND		NOVA SCOTIA		NEW BRUNSWICK		QUEBEC		
1955	1954	1955	1954	1955	1954	1955	1954	
-	15	33,051	58,542	16,814	61,923	2,989,142	3,108,376	A.
4,715	3,392	79,687	56,872	39,659	20,881	1,680	788	B.
4,715	3,407	112,738	115,414	56,473	82,804	2,990,822	3,109,164	C.
4,715	3,407	112,738	115,414	56,473	81,248	2,847,655	2,822,148	D.
-	-	-	-	-	1,556	143,167	287,016	E.
-	-	-	-	1,161	913	1,081	962	F.
-	-	-	-	-	-	346,482	348,093	G.
-	-	-	-	-	-	74	30	H.
-	-	-	-	-	-	74	30	I.
-	-	-	-	-	-	-	-	J.
-	-	-	-	2	5,280	53,587	53,411	K.
-	-	-	-	2	3,724	50,084	52,916	L.
-	-	-	-	-	1,556	3,503	495	M.
4,715	3,407	112,738	115,414	57,632	78,437	2,591,908	2,708,652	N.
4,715	3,407	112,738	115,414	57,632	78,437	2,452,244	2,422,131	O.
-	-	-	-	-	-	139,664	286,521	P.
Cumulative Totals - January - December								
46,172	33,513	1,196,481	1,130,445	843,533	886,737	35,845,093	34,732,279	C.
46,172	33,513	1,196,481	1,130,445	835,087	869,593	33,475,434	32,210,671	D.
-	-	-	-	8,446	17,144	2,369,659	2,521,608	E.
-	-	-	-	10,559	10,039	10,570	10,074	F.
-	-	-	-	-	262	4,307,118	4,444,728	G.
-	-	-	-	-	-	836	203	H.
-	-	-	-	-	-	836	203	I.
-	-	-	-	-	-	-	-	J.
-	-	-	-	32,889	62,333	665,519	661,339	K.
-	-	-	-	24,443	45,189	634,653	647,682	L.
-	-	-	-	8,446	17,144	30,866	13,657	M.
46,172	33,513	1,196,481	1,130,445	821,203	834,181	30,883,862	29,636,489	N.
46,172	33,513	1,196,481	1,130,445	821,203	834,181	28,545,069	27,128,538	O.
-	-	-	-	-	-	2,338,793	2,507,951	P.
SASKATCHEWAN		ALBERTA		BRITISH COLUMBIA		YUKON-N.W.T.		
47,291	51,463	92,081	88,882	554,406	519,735	8,552		A.
82,830	72,279	93,225	57,795	14,843	7,913	107		B.
130,121	123,742	185,306	146,677	569,249	527,648	8,659		C.
130,121	123,742	185,306	146,677	569,249	527,648	7,699	Monthly	D.
-	-	-	-	-	-	960		E.
-	-	4,356	1,154	-	-	-	data	F.
47,291	51,463	-	-	4,356	1,154	-	not	G.
-	-	-	-	6,180	178	-		H.
-	-	-	-	6,180	178	-	collected	I.
-	-	-	-	-	-	-		J.
-	-	-	-	920	15,743	-	until	K.
-	-	-	-	920	15,743	-		L.
-	-	-	-	-	-	-	1955	M.
82,830	72,279	189,662	147,831	570,153	510,929	8,659		N.
82,830	72,279	189,662	147,831	570,153	510,929	7,699		O.
-	-	-	-	-	-	960		P.
Cumulative Totals - January - December								
1,416,466	1,287,706	1,706,649	1,484,905	6,052,296	5,371,338	91,058		C.
1,416,466	1,287,706	1,706,649	1,484,905	6,052,089	5,371,338	80,571		D.
-	-	-	-	207	-	10,487		E.
-	-	32,219	15,970	-	-	-		F.
569,401	559,300	-	-	32,219	15,970	-		G.
-	-	-	-	22,233	4,393	-		H.
-	-	-	-	22,233	4,393	-		I.
-	-	-	-	-	-	-		J.
-	-	-	-	146,808	150,078	-		K.
-	-	-	-	146,808	150,078	-		L.
-	-	-	-	-	-	-		M.
847,065	728,406	1,738,868	1,500,875	5,895,502	5,209,683	91,058		N.
847,065	728,406	1,738,868	1,500,875	5,895,295	5,209,683	80,571		O.
-	-	-	-	207	-	10,487		P.

# CENTRAL ELECTRIC STATIONS (Thousands of Kilowatt Hours)

## PRODUCTION

	1951	1952	1953	1954	1955
January	4,786,427	5,268,718	5,656,537	x 5,633,449	x 6,546,830
February	4,377,699	4,969,944	x 5,255,048	x 5,152,431	x 5,972,753
March	4,912,309	5,217,771	x 5,779,752	x 5,765,717	x 6,634,995
April	4,897,191	5,030,255	x 5,741,187	x 5,652,708	6,362,892
May	5,131,992	5,334,918	x 5,757,213	x 5,928,546	6,640,382
June	4,708,904	4,986,300	5,264,516	x 5,674,863	6,090,280
July	4,630,320	4,841,336	5,180,727	x 5,478,282	5,903,332
August	4,597,412	4,968,011	5,089,323	x 5,447,179	6,052,142
September	4,405,976	4,993,148	5,088,698	5,509,800	6,002,497
October	4,921,211	5,418,718	5,509,919	6,131,271	6,430,524
November	4,938,270	5,221,355	x 5,447,837	6,206,137	6,759,979
December	5,112,807	5,535,561	5,718,496	6,556,201	6,900,021

## IMPORTS FROM THE UNITED STATES

January	303	88	x 574	33,942	x 3,466
February	162	4,873	x 425	21,938	4,290
March	150	3,328	x 940	6,447	5,122
April	109	5,164	x 500	23,566	1,060
May	147	329	x 264	7,831	1,185
June	114	140	x 282	5,330	5,523
July	117	137	x 326	1,377	12,673
August	140	2,762	x 416	2,680	25,023
September	6,102	833	x 65,416	3,060	50,748
October	72	50	x 30,584	3,149	28,322
November	145	165	x 46,478	4,198	3,402
December	115	442	x 32,594	4,117	15,687

## EXPORTS TO THE UNITED STATES

January	172,499	210,135	x 215,202	137,781	375,907
February	164,805	210,454	x 196,975	130,283	330,580
March	220,900	240,115	x 218,409	148,023	381,622
April	208,203	236,150	x 235,302	164,845	435,642
May	231,344	268,639	x 236,046	213,670	525,908
June	224,611	233,819	x 200,262	213,895	373,462
July	237,823	202,453	x 209,352	257,964	360,587
August	159,726	206,370	x 192,290	223,832	272,782
September	134,692	174,137	x 161,634	211,818	232,363
October	202,694	173,364	x 190,719	336,109	309,246
November	203,736	150,156	x 191,184	321,381	427,723
December	214,387	187,241	x 176,655	358,707	407,638

## CONSUMPTION OF PRIMARY POWER

(Production plus Imports less Exports and Secondary Power)

January	4,370,086	4,784,385	5,106,043	x 5,378,953	x 5,797,713
February	3,984,239	4,500,020	x 4,681,074	x 4,873,747	x 5,336,128
March	4,396,928	4,702,447	x 5,131,365	x 5,391,906	x 5,912,789
April	4,228,887	4,474,730	x 4,892,161	x 5,105,672	5,496,513
May	4,409,391	4,595,893	x 4,954,273	x 5,176,603	5,623,512
June	4,243,426	4,345,595	x 4,790,738	x 5,035,235	5,496,284
July	4,206,158	4,357,670	4,773,393	x 4,967,850	5,425,244
August	4,316,610	4,456,660	4,781,887	x 5,058,630	5,709,507
September	4,149,096	4,570,727	x 4,856,892	5,110,850	5,705,751
October	4,512,485	4,927,204	5,182,932	5,440,515	x 5,953,723
November	4,472,696	4,804,931	x 5,140,372	5,504,247	x 6,130,235
December	4,626,360	5,048,084	5,398,403	5,798,928	6,318,203

x Revised.



## DOMINION BUREAU OF STATISTICS

OTTAWA - CANADA

Published by Authority of the Rt. Hon. C. D. Howe, Minister of Trade and Commerce



Memorandum

Electric power statistics

Vol. 24, No. 1 -12

JANUARY, 1956

LIBRARY

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Price: \$1.00 per year

## CENTRAL ELECTRIC STATIONS

Month	Total Production			Consumption of Primary Power		
	1954	1955	1956	1954	1955	1956
Daily Averages (Thousands of Kilowatt Hours)						
January ....	181,724	211,188	210,065	173,515	187,023	196,058
February ...	184,015	213,313		174,062	190,576	
March .....	185,991	214,032		173,932	190,735	
April .....	188,424	212,096		170,189	183,217	
May .....	191,243	214,206		166,987	181,404	
June .....	189,162	203,009		167,841	183,209	
July .....	176,719	190,430		160,253	175,008	
August .....	175,715	195,230		163,182	184,178	
September ..	183,660	200,083		170,362	190,192	
October ....	197,783	207,436		175,500	192,056	
November ...	206,871	225,333		183,475	204,341	
December ...	211,490	222,581		187,062	203,813	
INDEX NUMBERS - Seasonally Adjusted (Average 1935 - 1939 = 100)						
January ....	249.4	289.9	288.3	348.3	375.4	393.5
February ...	247.6	287.0		348.9	382.0	
March .....	253.7	291.9		354.5	388.8	
April .....	264.6	297.9		352.7	379.7	
May .....	272.9	305.7		349.8	380.0	
June .....	273.4	293.4		351.0	383.1	
July .....	269.3	290.2		347.2	379.2	
August .....	260.1	289.0		346.0	390.5	
September ..	261.8	285.2		347.6	388.0	
October ....	268.3	281.4		345.1	377.7	
November ...	267.9	291.8		354.9	395.2	
December ...	282.7	297.5		371.8	405.1	

## CENTRAL ELECTRIC STATIONS

Month of January, 1956

(Thousand Kilowatt Hours)

			CANADA		NEWFOUNDLAND	
			1956	1955	1956	1955
A.	Production	— Hydraulic .....	6,122,763	6,307,501	84,299	25,379
B.		Thermal .....	389,239	239,329	164	126
C.		Total .....	6,512,002	6,546,830	84,463	25,505
D.		Primary .....	6,147,893	5,921,821	84,463	25,505
E.		Secondary .....	364,109	625,009	-	-
F.	Receipts	— from other Provinces .....	-	-	-	-
G.	Deliveries	— to other Provinces .....	-	-	-	-
H.	Imports	— from U.S.A. Total .....	39,581	3,466	-	-
I.		Primary .....	39,581	3,466	-	-
J.		Secondary .....	-	-	-	-
K.	Exports	— to U.S.A. Total .....	266,548	375,907	-	-
L.		Primary .....	109,672	127,574	-	-
M.		Secondary .....	156,876	248,333	-	-
N.	Consumption (C+F+H-G-K) Total .....		6,285,035	6,174,389	84,463	25,505
O.		Primary .....	6,077,802	5,797,713	84,463	25,505
P.		Secondary .....	207,233	376,676	-	-
Cumulative Totals — January —						
C.	Production	— Total .....				
D.		Primary .....				
E.		Secondary .....				
F.	Receipts	— from other Provinces .....				
G.	Deliveries	— to other Provinces .....				
H.	Imports	— from U.S.A. Total .....				
I.		Primary .....				
J.		Secondary .....				
K.	Exports	— to U.S.A. Total .....				
L.		Primary .....				
M.		Secondary .....				
N.	Consumption (C+F+H-G-K) Total .....					
O.		Primary .....				
P.		Secondary .....				
			ONTARIO		MANITOBA	
A.	Production	— Hydraulic .....	2,177,015	2,188,691	312,654	281,457
B.		Thermal .....	94,342	15,897	13	788
C.		Total .....	2,271,357	2,204,588	312,667	282,245
D.		Primary .....	2,116,456	1,891,204	263,994	239,443
E.		Secondary .....	154,901	313,384	48,673	42,802
F.	Receipts	— from other Provinces .....	352,512	336,139	48,949	52,681
G.	Deliveries	— to other Provinces .....	3,621	1,092	12,589	11,870
H.	Imports	— from U.S.A. Total .....	25,742	3,166	-	-
I.		Primary .....	25,742	3,166	-	-
J.		Secondary .....	-	-	-	-
K.	Exports	— to U.S.A. Total .....	208,748	302,839	1	1
L.		Primary .....	55,777	57,466	1	1
M.		Secondary .....	152,971	245,373	-	-
N.	Consumption (C+F+H-G-K) Total .....		2,437,242	2,239,962	349,026	323,055
O.		Primary .....	2,435,312	2,171,951	300,353	280,253
P.		Secondary .....	1,930	68,011	48,673	42,802
Cumulative Totals — January —						
C.	Production	— Total .....				
D.		Primary .....				
E.		Secondary .....				
F.	Receipts	— from other Provinces .....				
G.	Deliveries	— to other Provinces .....				
H.	Imports	— from U.S.A. Total .....				
I.		Primary .....				
J.		Secondary .....				
K.	Exports	— to U.S.A. Total .....				
L.		Primary .....				
M.		Secondary .....				
N.	Consumption (C+F+H-G-K) Total .....					
O.		Primary .....				
P.		Secondary .....				





CENTRAL ELECTRIC STATIONS  
(Thousands of Kilowatt Hours)  
PRODUCTION

Month	1952	1953	1954	1955	1956
January .....	5,268,718	5,656,537	5,633,449	6,546,830	6,512,002
February .....	4,969,944	5,255,048	5,152,431	5,972,753	
March .....	5,217,771	5,779,752	5,765,717	6,634,995	
April .....	5,030,255	5,741,187	5,652,708	6,362,892	
May .....	5,334,918	5,757,213	5,928,546	6,640,382	
June .....	4,986,300	5,264,516	5,674,863	6,090,280	
July .....	4,841,336	5,180,727	5,478,282	5,903,332	
August .....	4,968,011	5,089,323	5,447,179	6,052,142	
September .....	4,993,148	5,088,698	5,509,800	6,002,497	
October .....	5,418,718	5,509,919	6,131,271	6,430,524	
November .....	5,221,355	5,447,837	6,206,137	6,759,979	
December .....	5,535,561	5,718,496	6,556,201	6,900,024	

IMPORTS FROM THE UNITED STATES

January .....	88	574	33,942	3,466	39,581
February .....	4,873	425	21,938	4,290	
March .....	3,328	940	6,447	5,122	
April .....	5,164	500	23,566	1,060	
May .....	329	264	7,831	1,185	
June .....	140	282	5,330	5,523	
July .....	137	326	1,377	12,673	
August .....	2,762	416	2,680	25,023	
September .....	833	65,416	3,060	50,748	
October .....	50	30,584	3,149	28,322	
November .....	165	46,478	4,198	3,402	
December .....	442	32,594	4,117	15,687	

EXPORTS TO THE UNITED STATES

January .....	210,135	215,202	137,781	375,907	266,548
February .....	210,454	196,975	130,283	330,580	
March .....	240,115	218,409	148,023	381,622	
April .....	236,150	235,302	164,845	435,642	
May .....	268,639	236,046	213,670	525,908	
June .....	233,819	200,262	213,895	373,462	
July .....	202,453	209,352	257,964	360,587	
August .....	206,370	192,290	223,832	272,782	
September .....	174,137	161,634	211,818	232,363	
October .....	173,364	190,719	336,109	309,246	
November .....	150,156	191,184	321,381	427,723	
December .....	187,241	176,655	358,707	407,638	

CONSUMPTION OF PRIMARY POWER  
(Production plus Imports less Exports and Secondary Power)

January .....	4,784,385	5,106,043	5,378,953	5,797,713	6,077,802
February .....	4,500,020	4,681,074	4,873,747	5,336,128	
March .....	4,702,447	5,131,365	5,391,906	5,912,789	
April .....	4,474,730	4,892,161	5,105,672	5,496,513	
May .....	4,595,893	4,954,273	5,176,603	5,623,512	
June .....	4,345,595	4,790,738	5,035,235	5,496,284	
July .....	4,357,670	4,773,393	4,967,850	5,425,244	
August .....	4,456,660	4,781,887	5,058,630	5,709,507	
September .....	4,570,727	4,856,892	5,110,850	5,705,751	
October .....	4,927,204	5,182,932	5,440,515	5,953,723	
November .....	4,804,931	5,140,372	5,504,247	6,130,235	
December .....	5,048,084	5,398,403	5,798,928	6,318,203	

# DOMINION BUREAU OF STATISTICS

## OTTAWA - CANADA

Published by Authority of the Rt. Hon. C. D. Howe, Minister of Trade and Commerce



Memorandum

*Electric power statistics*

Vol. 24, No. 2

February, 1956

Price: \$1.00 per year

### CENTRAL ELECTRIC STATIONS

Month	Total Production			Consumption of Primary Power		
	1954	1955	1956	1954	1955	1956
Daily Averages (Thousands of Kilowatt Hours)						
January ....	181,724	211,188	210,065	173,515	187,023	196,058
February ...	184,015	213,313	213,103	174,062	190,576	197,452
March .....	185,991	214,032		173,932	190,735	
April .....	188,424	212,096		170,189	183,217	
May .....	191,243	214,206		166,987	181,404	
June .....	189,162	203,009		167,841	183,209	
July .....	176,719	190,430		160,253	175,008	
August .....	175,715	195,230		163,182	184,178	
September ..	183,660	200,083		170,362	190,192	
October ....	197,783	207,436		175,500	192,056	
November ...	206,871	225,333		183,475	204,341	
December ...	211,490	222,581		187,062	203,813	
INDEX NUMBERS - Seasonally Adjusted (Average 1935 - 1939 = 100)						
January ....	249.4	289.9	288.3	348.3	375.4	393.5
February ...	247.6	287.0	286.7 *	348.9	382.0	395.7 *
March .....	253.7	291.9		354.5	388.8	
April .....	264.6	297.9		352.7	379.7	
May .....	272.9	305.7		349.8	380.0	
June .....	273.4	293.4		351.0	383.1	
July .....	269.3	290.2		347.2	379.2	
August .....	260.1	289.0		346.0	390.5	
September ..	261.8	285.2		347.6	388.0	
October ....	268.3	281.4		345.1	377.7	
November ...	267.9	291.8		354.9	395.2	
December ...	282.7	297.5		371.8	405.1	

\* Adjusted for 29 day month.

## CENTRAL ELECTRIC STATIONS

(Thousand Kilowatt Hours)

Month of February, 1956

		CANADA		NEWFOUNDLAND	
		1956	1955	1956	1955
A.	Production - Hydraulic .....	5,809,128	5,752,833	87,056	22,408
B.	Thermal .....	370,856	219,920	145	109
C.	Total .....	6,179,984	5,972,753	87,201	22,517
D.	Primary .....	5,803,044	5,452,735	74,178	22,517
E.	Secondary .....	376,940	520,018	13,023	-
F.	Receipts - from other Provinces .....	-	-	-	-
G.	Deliveries - to other Provinces .....	-	-	-	-
H.	Imports - from U.S.A. Total .....	27,861	4,290	-	-
I.	Primary .....	27,861	4,290	-	-
J.	Secondary .....	-	-	-	-
K.	Exports - to U.S.A. Total .....	262,880	330,580	-	-
L.	Primary .....	104,795	120,897	-	-
M.	Secondary .....	158,085	209,683	-	-
N.	Consumption (C+F+H-G-K) Total .....	5,944,965	5,646,463	87,201	22,517
O.	Primary .....	5,726,110	5,336,128	74,178	22,517
P.	Secondary .....	218,855	310,335	13,023	-
Cumulative Totals - January - February					
C.	Production - Total .....	12,691,986	12,519,583	171,664	48,022
D.	Primary .....	11,950,937	11,374,556	158,641	48,022
E.	Secondary .....	741,049	1,145,027	13,023	-
F.	Receipts - from other Provinces .....	-	-	-	-
G.	Deliveries - to other Provinces .....	-	-	-	-
H.	Imports - from U.S.A. Total .....	67,442	7,756	-	-
I.	Primary .....	67,442	7,756	-	-
J.	Secondary .....	-	-	-	-
K.	Exports - to U.S.A. Total .....	529,428	706,487	-	-
L.	Primary .....	214,467	248,471	-	-
M.	Secondary .....	314,961	458,016	-	-
N.	Consumption (C+F+H-G-K) Total .....	12,230,000	11,820,852	171,664	48,022
O.	Primary .....	11,803,912	11,133,841	158,641	48,022
P.	Secondary .....	426,088	687,011	13,023	-
		Ontario		Manitoba	
A.	Production - Hydraulic .....	2,021,058	1,959,597	299,945	251,590
B.	Thermal .....	100,771	15,584	173	205
C.	Total .....	2,121,829	1,975,181	300,118	251,795
D.	Primary .....	1,965,417	1,709,722	242,957	218,974
E.	Secondary .....	156,412	265,459	57,161	32,821
F.	Receipts - from other Provinces .....	369,612	346,480	46,817	48,610
G.	Deliveries - to other Provinces .....	957	887	19,653	10,542
H.	Imports - from U.S.A. Total .....	24,289	4,062	-	-
I.	Primary .....	24,289	4,062	-	-
J.	Secondary .....	-	-	-	-
K.	Exports - to U.S.A. Total .....	204,860	261,191	1	-
L.	Primary .....	50,564	54,770	1	-
M.	Secondary .....	154,296	206,421	-	-
N.	Consumption (C+F+H-G-K) Total .....	2,309,913	2,063,645	327,281	289,863
O.	Primary .....	2,307,797	2,004,607	270,120	257,042
P.	Secondary .....	2,116	59,038	57,161	32,821
Cumulative Totals - January - February					
C.	Production - Total .....	4,393,186	4,179,769	612,785	534,040
D.	Primary .....	4,081,873	3,600,926	506,951	458,417
E.	Secondary .....	311,313	578,843	105,834	75,623
F.	Receipts - from other Provinces .....	722,124	682,619	95,766	101,291
G.	Deliveries - to other Provinces .....	4,578	1,979	32,242	22,412
H.	Imports - from U.S.A. Total .....	50,031	7,228	-	-
I.	Primary .....	50,031	7,228	-	-
J.	Secondary .....	-	-	-	-
K.	Exports - to U.S.A. Total .....	413,608	564,030	2	1
L.	Primary .....	106,341	112,236	2	1
M.	Secondary .....	307,267	451,794	-	-
N.	Consumption (C+F+H-G-K) Total .....	4,747,155	4,303,607	676,307	612,918
O.	Primary .....	4,743,109	4,176,558	570,473	537,295
P.	Secondary .....	4,046	127,049	105,834	75,623



# CENTRAL ELECTRIC STATIONS

Month of February, 1956

(000 Kw. Hrs.)

PRINCE EDWARD ISLAND		NOVA SCOTIA		NEW BRUNSWICK		YUKON - N.W.T.		
1956	1955	1956	1955	1956	1955	1956	1955	
-	7	52,531	48,039	25,614	46,134	2,642,488	2,810,238	A.
3,398	3,532	52,755	48,176	35,377	22,126	1,016	717	B.
3,398	3,539	105,286	96,215	60,991	68,260	2,643,504	2,810,955	C.
3,398	3,539	105,286	96,215	60,991	67,004	2,494,909	2,591,300	D.
-	-	-	-	-	1,256	148,595	219,655	E.
-	-	-	-	972	792	957	887	F.
-	-	-	-	-	-	350,931	336,730	G.
-	-	-	-	-	-	26	73	H.
-	-	-	-	-	-	26	73	I.
-	-	-	-	-	-	-	-	J.
-	-	-	-	1,111	4,362	53,264	50,654	K.
-	-	-	-	1,111	3,106	49,475	48,648	L.
-	-	-	-	-	1,256	3,789	2,006	M.
3,398	3,539	105,286	96,215	60,852	64,690	2,240,292	2,424,531	N.
3,398	3,539	105,286	96,215	60,852	64,690	2,095,486	2,206,882	O.
-	-	-	-	-	-	144,806	217,649	P.
Cumulative Totals - January - February								
7,107	7,575	217,654	198,070	125,276	149,206	5,408,330	5,838,287	C.
7,107	7,575	217,654	198,070	125,276	146,393	5,100,119	5,352,479	D.
-	-	-	-	-	2,813	308,211	485,808	E.
-	-	-	-	2,050	1,712	4,578	1,979	F.
-	-	-	-	-	-	691,932	661,919	G.
-	-	-	-	-	-	56	187	H.
-	-	-	-	-	-	56	187	I.
-	-	-	-	-	-	-	-	J.
-	-	-	-	1,614	9,641	110,251	102,611	K.
-	-	-	-	1,614	6,828	102,557	99,202	L.
-	-	-	-	-	2,813	7,694	3,409	M.
7,107	7,575	217,654	198,070	125,712	141,277	4,610,781	5,075,923	N.
7,107	7,575	217,654	198,070	125,712	141,277	4,310,264	4,593,524	O.
-	-	-	-	-	-	300,517	482,399	P.
SASKATCHEWAN		ALBERTA		BRITISH COLUMBIA		YUKON - N.W.T.		
46,817	48,610	88,739	81,103	536,992	477,690	7,888	7,417	A.
81,790	67,203	81,874	54,328	13,462	7,857	95	83	B.
128,607	115,813	170,613	135,431	550,454	485,547	7,983	7,500	C.
128,607	115,813	170,613	135,431	550,454	485,547	6,234	6,673	D.
-	-	-	-	-	-	1,749	827	E.
-	-	1,439	1,057	-	-	-	-	F.
46,817	48,610	-	-	1,439	1,057	-	-	G.
-	-	-	-	3,546	155	-	-	H.
-	-	-	-	3,546	155	-	-	I.
-	-	-	-	-	-	-	-	J.
-	-	-	-	3,644	14,373	-	-	K.
-	-	-	-	3,644	14,373	-	-	L.
-	-	-	-	-	-	-	-	M.
81,790	67,203	172,052	136,488	548,917	470,272	7,983	7,500	N.
81,790	67,203	172,052	136,488	548,917	470,272	6,234	6,673	O.
-	-	-	-	-	-	1,749	827	P.
Cumulative Totals - January - February								
267,542	242,820	357,589	284,239	1,114,331	1,021,732	16,522	15,823	C.
267,542	242,820	357,589	284,239	1,114,331	1,021,525	13,854	14,090	D.
-	-	-	-	-	207	2,668	1,733	E.
-	-	4,456	1,971	-	-	-	-	F.
95,766	101,291	-	-	4,456	1,971	-	-	G.
-	-	-	-	17,355	341	-	-	H.
-	-	-	-	17,355	341	-	-	I.
-	-	-	-	-	-	-	-	J.
-	-	-	-	3,953	30,204	-	-	K.
-	-	-	-	3,953	30,204	-	-	L.
-	-	-	-	-	-	-	-	M.
171,776	141,529	362,045	286,210	1,123,277	989,898	16,522	15,823	N.
171,776	141,529	362,045	286,210	1,123,277	989,691	13,854	14,090	O.
-	-	-	-	-	207	2,668	1,733	P.

CENTRAL ELECTRIC STATIONS  
(Thousands of Kilowatt Hours)  
PRODUCTION

Month	1952	1953	1954	1955	1956
January .....	5,268,718	5,656,537	5,633,449	6,546,830	6,512,002
February .....	4,969,944	5,255,048	5,152,431	5,972,753	6,179,984
March .....	5,217,771	5,779,752	5,765,717	6,634,995	
April .....	5,030,255	5,741,187	5,652,708	6,362,892	
May .....	5,334,918	5,757,213	5,928,546	6,640,382	
June .....	4,986,300	5,264,516	5,674,863	6,090,280	
July .....	4,841,336	5,180,727	5,478,282	5,903,332	
August .....	4,968,011	5,089,323	5,447,179	6,052,142	
September .....	4,993,148	5,088,698	5,509,800	6,002,497	
October .....	5,418,718	5,509,919	6,131,271	6,430,524	
November .....	5,221,355	5,447,837	6,206,137	6,759,979	
December .....	5,535,561	5,718,496	6,556,201	6,900,024	

IMPORTS FROM THE UNITED STATES

January .....	88	574	33,942	3,466	39,581
February .....	4,873	425	21,938	4,290	27,861
March .....	3,328	940	6,447	5,122	
April .....	5,164	500	23,566	1,060	
May .....	329	264	7,831	1,185	
June .....	140	282	5,330	5,523	
July .....	137	326	1,377	12,673	
August .....	2,762	416	2,680	25,023	
September .....	833	65,416	3,060	50,748	
October .....	50	30,584	3,149	28,322	
November .....	165	46,478	4,198	3,402	
December .....	442	32,594	4,117	15,687	

EXPORTS TO THE UNITED STATES

January .....	210,135	215,202	137,781	375,907	266,548
February .....	210,454	196,975	130,283	330,580	262,880
March .....	240,115	218,409	148,023	381,622	
April .....	236,150	235,302	164,845	435,642	
May .....	268,639	236,046	213,670	525,908	
June .....	233,819	200,262	213,895	373,462	
July .....	202,453	209,352	257,964	360,587	
August .....	206,370	192,290	223,832	272,782	
September .....	174,137	161,634	211,818	232,363	
October .....	173,364	190,719	336,109	309,246	
November .....	150,156	191,184	321,381	427,723	
December .....	187,241	176,655	358,707	407,638	

CONSUMPTION OF PRIMARY POWER  
(Production plus Imports less Exports and Secondary Power)

January .....	4,784,385	5,106,043	5,378,953	5,797,713	6,077,802
February .....	4,500,020	4,681,074	4,873,747	5,336,128	5,726,110
March .....	4,702,447	5,131,365	5,391,906	5,912,789	
April .....	4,474,730	4,892,161	5,105,672	5,496,513	
May .....	4,595,893	4,954,273	5,176,603	5,623,512	
June .....	4,345,595	4,790,738	5,035,235	5,496,284	
July .....	4,357,670	4,773,393	4,967,850	5,425,244	
August .....	4,456,660	4,781,887	5,058,630	5,709,507	
September .....	4,570,727	4,856,892	5,110,850	5,705,751	
October .....	4,927,204	5,182,932	5,440,515	5,953,723	
November .....	4,804,931	5,140,372	5,504,247	6,130,235	
December .....	5,048,084	5,398,403	5,798,928	6,318,203	

# DOMINION BUREAU OF STATISTICS

OTTAWA - CANADA

Published by Authority of the Rt. Hon. C. D. Howe, Minister of Trade and Commerce



Memorandum

Vol. 24, No. 3

*Electric power statistics*

March, 1956.

Price: \$1.00 per year

## CENTRAL ELECTRIC STATIONS

Month	Total Production			Consumption of Primary Power		
	1954	1955	1956	1954	1955	1956
Daily Averages (Thousands of Kilowatt Hours)						
January ....	181,724	211,188	x 209,923	173,515	187,023	x 195,917
February ...	184,015	213,313	213,103	174,062	190,576	x 197,484
March .....	185,991	214,032	209,262	173,932	190,735	194,139
April .....	188,424	212,096		170,189	183,217	
May .....	191,243	214,206		166,987	181,404	
June .....	189,162	203,009		167,841	183,209	
July .....	176,719	190,430		160,253	175,008	
August .....	175,715	195,230		163,182	184,178	
September ..	183,660	200,083		170,362	190,192	
October ....	197,783	207,436		175,500	192,056	
November ...	206,871	225,333		183,475	204,341	
December ...	211,490	222,581		187,062	203,813	
INDEX NUMBERS - Seasonally Adjusted (Average 1935 - 1939 = 100)						
January ....	249.4	289.9	x 288.1	348.3	375.4	x 393.3
February ...	247.6	287.0	286.7	348.9	382.0	x 395.8
March .....	253.7	291.9	285.4	354.5	388.8	395.7
April .....	264.6	297.9		352.7	379.7	
May .....	272.9	305.7		349.8	380.0	
June .....	273.4	293.4		351.0	383.1	
July .....	269.3	290.2		347.2	379.2	
August .....	260.1	289.0		346.0	390.5	
September ..	261.8	285.2		347.6	388.0	
October ....	268.3	281.4		345.1	377.7	
November ...	267.9	291.8		354.9	395.2	
December ...	282.7	297.5		371.8	405.1	

x Revised

8504-509-36

Prepared in the Public Finance and Transportation Division



## CENTRAL ELECTRIC STATIONS

Month of March, 1956.

(Thousand Kilowatt Hours)

		CANADA		NEWFOUNDLAND	
		1956	195 5	195 6	195 5
A.	Production - Hydraulic .....	6,105,554	6,393,137	81,571	24,628
B.	Thermal .....	381,567	241,858	144	119
C.	Total .....	6,487,121	6,634,995	81,715	24,747
D.	Primary .....	6,085,681	6,053,577	66,691	24,747
E.	Secondary .....	401,440	581,418	15,024	-
F.	Receipts - from other Provinces .....	-	-	-	-
G.	Deliveries - to other Provinces .....	-	-	-	-
H.	Imports - from U.S.A. Total .....	36,051	5,122	-	-
I.	Primary .....	36,051	5,122	-	-
J.	Secondary .....	-	-	-	-
K.	Exports - to U.S.A. Total .....	275,967	381,622	-	-
L.	Primary .....	103,434	145,910	-	-
M.	Secondary .....	172,533	235,712	-	-
N.	Consumption (C+F+H-G-K) Total .....	6,247,205	6,258,495	81,715	24,747
O.	Primary .....	6,018,298	5,912,789	66,691	24,747
P.	Secondary .....	228,907	345,706	15,024	-
Cumulative Totals - January - March					
C.	Production - Total .....	19,174,717	19,154,578	253,379	59,328
D.	Primary .....	18,033,147	17,428,133	225,332	59,328
E.	Secondary .....	1,141,570	1,726,455	28,047	-
F.	Receipts - from other Provinces .....	-	-	-	-
G.	Deliveries - to other Provinces .....	-	-	-	-
H.	Imports - from U.S.A. Total .....	103,493	12,878	-	-
I.	Primary .....	103,493	12,878	-	-
J.	Secondary .....	-	-	-	-
K.	Exports - to U.S.A. Total .....	805,395	1,088,109	-	-
L.	Primary .....	317,901	394,381	-	-
M.	Secondary .....	487,494	693,728	-	-
N.	Consumption (C+F+H-G-K) Total .....	18,472,815	18,079,347	253,379	59,328
O.	Primary .....	17,818,739	17,046,630	225,332	59,328
P.	Secondary .....	654,076	1,032,717	28,047	-
		Ontario		Manitoba	
A.	Production - Hydraulic .....	2,152,197	2,151,218	314,070	281,557
B.	Thermal .....	102,941	19,277	-	87
C.	Total .....	2,255,138	2,170,495	314,070	281,644
D.	Primary .....	2,085,579	1,870,314	249,136	234,014
E.	Secondary .....	169,559	300,181	64,934	47,630
F.	Receipts - from other Provinces .....	371,584	426,023	48,540	53,250
G.	Deliveries - to other Provinces .....	946	919	14,129	12,979
H.	Imports - from U.S.A. Total .....	26,923	5,013	-	-
I.	Primary .....	26,923	5,013	-	-
J.	Secondary .....	-	-	-	-
K.	Exports - to U.S.A. Total .....	219,988	291,451	-	1
L.	Primary .....	51,888	58,555	-	1
M.	Secondary .....	168,100	232,896	-	-
N.	Consumption (C+F+H-G-K) Total .....	2,432,711	2,309,161	348,481	321,914
O.	Primary .....	2,431,252	2,241,876	283,547	274,284
P.	Secondary .....	1,459	67,285	64,934	47,630
Cumulative Totals - January - March					
C.	Production - Total .....	6,648,324	6,350,264	926,855	815,684
D.	Primary .....	6,167,452	5,471,240	756,087	692,431
E.	Secondary .....	480,872	879,024	170,768	123,253
F.	Receipts - from other Provinces .....	1,093,708	1,108,642	144,306	154,541
G.	Deliveries - to other Provinces .....	5,524	2,898	46,371	35,391
H.	Imports - from U.S.A. Total .....	76,954	12,241	-	-
I.	Primary .....	76,954	12,241	-	-
J.	Secondary .....	-	-	-	-
K.	Exports - to U.S.A. Total .....	633,596	855,481	2	2
L.	Primary .....	158,229	170,791	2	2
M.	Secondary .....	475,367	684,690	-	-
N.	Consumption (C+F+H-G-K) Total .....	7,179,866	6,612,768	1,024,788	934,832
O.	Primary .....	7,174,361	6,418,434	854,020	811,579
P.	Secondary .....	5,505	194,334	170,768	123,253

# CENTRAL ELECTRIC STATIONS

Month of March, 1956.

(000 Kw. Hrs.)

PRINCE EDWARD ISLAND		NOVA SCOTIA		NEW BRUNSWICK		QUEBEC		
1956	1955	1956	1955	1956	1955	1956	1955	
-	-	56,949	53,945	22,926	60,576	2,789,169	3,136,849	A.
3,513	3,794	54,400	48,984	40,535	20,514	931	303	B.
3,513	3,794	111,349	102,929	63,461	81,090	2,790,100	3,137,152	C.
3,513	3,794	111,349	102,929	63,461	79,253	2,638,989	2,906,230	D.
-	-	-	-	-	1,837	151,111	230,922	E.
-	-	-	-	1,033	967	946	919	F.
-	-	-	-	-	-	358,488	414,011	G.
-	-	-	-	345	-	26	25	H.
-	-	-	-	345	-	26	25	I.
-	-	-	-	-	-	-	-	J.
-	-	-	-	2	5,559	55,647	54,148	K.
-	-	-	-	2	3,722	51,214	53,169	L.
-	-	-	-	-	1,837	4,433	979	M.
3,513	3,794	111,349	102,929	64,837	76,498	2,376,937	2,669,937	N.
3,513	3,794	111,349	102,929	64,837	76,498	2,230,259	2,439,994	O.
-	-	-	-	-	-	146,678	229,943	P.
Cumulative Totals - January - March								
10,620	11,369	329,003	300,999	184,347	230,296	8,198,430	8,975,439	C.
10,620	11,369	329,003	300,999	184,347	225,646	7,739,108	8,258,709	D.
-	-	-	-	-	4,650	459,322	716,730	E.
-	-	-	-	3,083	2,679	5,524	2,898	F.
-	-	-	-	-	-	1,050,420	1,075,930	G.
-	-	-	-	345	-	82	212	H.
-	-	-	-	345	-	82	212	I.
-	-	-	-	-	-	-	-	J.
-	-	-	-	1,616	15,200	165,898	156,759	K.
-	-	-	-	1,616	10,550	153,771	152,371	L.
-	-	-	-	-	4,650	12,127	4,388	M.
10,620	11,369	329,003	300,999	186,159	217,775	6,987,718	7,745,860	N.
10,620	11,369	329,003	300,999	186,159	217,775	6,540,523	7,033,518	O.
-	-	-	-	-	-	447,195	712,342	P.
Saskatchewan		Alberta		British Columbia		Yukon - N.W.T.		
48,540	53,250	88,139	87,028	543,802	536,051	8,191	8,035	
82,713	73,489	81,339	60,174	14,959	15,031	92	86	B.
131,253	126,739	169,478	147,202	558,761	551,082	8,283	8,121	C.
131,253	126,739	169,478	147,202	558,761	551,082	7,471	7,273	D.
-	-	-	-	-	-	812	848	E.
-	-	2,719	1,103	-	-	-	-	F.
48,540	53,250	-	-	2,719	1,103	-	-	G.
-	-	-	-	8,757	84	-	-	H.
-	-	-	-	8,757	84	-	-	I.
-	-	-	-	-	-	-	-	J.
-	-	-	-	330	30,463	-	-	K.
-	-	-	-	330	30,463	-	-	L.
-	-	-	-	-	-	-	-	M.
82,713	73,489	172,197	148,305	564,469	519,600	8,283	8,121	N.
82,713	73,489	172,197	148,305	564,469	519,600	7,471	7,273	O.
-	-	-	-	-	-	812	848	P.
Cumulative Totals - January - March								
398,795	369,559	527,067	431,441	1,673,092	1,572,814	24,805	23,944	C.
398,795	369,559	527,067	431,441	1,673,092	1,572,607	22,244	21,363	D.
-	-	-	-	-	207	2,561	2,581	E.
-	-	7,175	3,074	-	-	-	-	F.
144,306	154,541	-	-	7,175	3,074	-	-	G.
-	-	-	-	26,112	425	-	-	H.
-	-	-	-	26,112	425	-	-	I.
-	-	-	-	-	-	-	-	J.
-	-	-	-	4,283	60,667	-	-	K.
-	-	-	-	4,283	60,667	-	-	L.
-	-	-	-	-	-	-	-	M.
254,489	215,018	534,242	434,515	1,687,746	1,509,498	24,805	23,944	N.
254,489	215,018	534,242	434,515	1,687,746	1,509,291	22,244	21,363	O.
-	-	-	-	-	207	2,561	2,581	P.

CENTRAL ELECTRIC STATIONS  
(Thousands of Kilowatt Hours)

PRODUCTION

Month	1952	1953	1954	1955	1956
January .....	5,268,718	5,656,537	5,633,449	6,546,830	x 6,507,612
February .....	4,969,944	5,255,048	5,152,431	5,972,753	6,179,984
March .....	5,217,771	5,779,752	5,765,717	6,634,995	6,487,121
April .....	5,030,255	5,741,187	5,652,708	6,362,892	
May .....	5,334,918	5,757,213	5,928,546	6,640,382	
June .....	4,986,300	5,264,516	5,674,863	6,090,280	
July .....	4,841,336	5,180,727	5,478,282	5,903,332	
August .....	4,968,011	5,089,323	5,447,179	6,052,142	
September .....	4,993,148	5,088,698	5,509,800	6,002,497	
October .....	5,418,718	5,509,919	6,131,271	6,430,524	
November .....	5,221,355	5,447,837	6,206,137	6,759,979	
December .....	5,535,561	5,718,496	6,556,201	6,900,024	

IMPORTS FROM THE UNITED STATES

January .....	88	574	33,942	3,466	39,581
February .....	4,873	425	21,938	4,290	27,861
March .....	3,328	940	6,447	5,122	36,051
April .....	5,164	500	23,566	1,060	
May .....	329	264	7,831	1,185	
June .....	140	282	5,330	5,523	
July .....	137	326	1,377	12,673	
August .....	2,762	416	2,680	25,023	
September .....	833	65,416	3,060	50,748	
October .....	50	30,584	3,149	28,322	
November .....	165	46,478	4,198	3,402	
December .....	442	32,594	4,117	15,687	

EXPORTS TO THE UNITED STATES

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February .....	210,454	196,975	130,283	330,580	262,880
March .....	240,115	218,409	148,023	381,622	275,967
April .....	236,150	235,302	164,845	435,642	
May .....	268,639	236,046	213,670	525,908	
June .....	233,810	200,262	213,895	373,462	
July .....	202,453	209,352	257,964	360,587	
August .....	206,370	192,290	223,832	272,782	
September .....	174,137	161,634	211,818	232,363	
October .....	173,364	190,719	336,109	309,246	
November .....	150,156	191,184	321,381	427,723	
December .....	187,241	176,655	358,707	407,638	

CONSUMPTION OF PRIMARY POWER  
(Production plus Imports less Exports and Secondary Power)

January .....	4,784,385	5,106,043	5,378,953	5,797,713	x 6,073,412
February .....	4,500,020	4,681,074	4,873,747	5,336,128	x 5,727,029
March .....	4,702,447	5,131,365	5,391,906	5,912,789	6,018,298
April .....	4,474,730	4,892,161	5,105,672	5,496,513	
May .....	4,595,893	4,954,273	5,176,603	5,623,512	
June .....	4,345,595	4,790,738	5,035,235	5,496,284	
July .....	4,357,670	4,773,393	4,967,850	5,425,244	
August .....	4,456,660	4,781,887	5,058,630	5,709,507	
September .....	4,570,727	4,856,892	5,110,850	5,705,751	
October .....	4,927,204	5,182,932	5,440,515	5,953,723	
November .....	4,804,931	5,140,372	5,504,247	6,130,235	
December .....	5,048,084	5,398,403	5,798,928	6,318,203	

x Revised



# DOMINION BUREAU OF STATISTICS

## OTTAWA - CANADA

Published by Authority of the Rt. Hon. C. D. Howe, Minister of Trade and Commerce



### Memorandum

Vol. 24, No. 4

APRIL, 1956

Price: \$1.00 per year

## CENTRAL ELECTRIC STATIONS

Month	Total Production			Consumption of Primary Power		
	1954	1955	1956	1954	1955	1956
Daily Averages (Thousands of Kilowatt Hours)						
January ....	181,724	211,188	x 209,923	173,515	187,023	x 195,917
February ...	184,015	213,313	213,103	174,062	190,576	x 197,484
March .....	185,991	214,032	209,262	173,932	190,735	194,139
April .....	188,424	212,096	211,596	170,189	183,217	191,471
May .....	191,243	214,206		166,987	181,404	
June .....	189,162	203,009		167,841	183,209	
July .....	176,719	190,430		160,253	175,008	
August .....	175,715	195,230		163,182	184,178	
September ..	183,660	200,083		170,362	190,192	
October ....	197,783	207,436		175,500	192,056	
November ...	206,871	225,333		183,475	204,341	
December ...	211,490	222,581		187,062	203,813	
INDEX NUMBERS - Seasonally Adjusted (Average 1935 - 1939 = 100)						
January ....	249.4	289.9	x 288.1	348.3	375.4	x 393.3
February ...	247.6	287.0	286.7	348.9	382.0	x 395.8
March .....	253.7	291.9	285.4	354.5	388.8	395.7
April .....	264.6	297.9	297.2	352.7	379.7	396.9
May .....	272.9	305.7		349.8	380.0	
June .....	273.4	293.4		351.0	383.1	
July .....	269.3	290.2		347.2	379.2	
August .....	260.1	289.0		346.0	390.5	
September ..	261.8	285.2		347.6	388.0	
October ....	268.3	281.4		345.1	377.7	
November ...	267.9	291.8		354.9	395.2	
December ...	282.7	297.5		371.8	405.1	

x Revised

8504-509-46

Prepared in the Public Finance and Transportation Division

# CENTRAL ELECTRIC STATIONS

Month of April, 1956

(Thousand Kilowatt Hours)

			CANADA		NEWFOUNDLAND	
			1956	1955	1956	1955
A.	Production	- Hydraulic .....	6,051,754	6,162,572	90,984	23,830
B.		Thermal .....	296,129	200,320	132	107
C.		Total .....	6,347,883	6,362,892	91,116	23,937
D.		Primary .....	5,838,158	5,623,962	76,255	23,937
E.		Secondary .....	509,725	738,930	14,861	-
F.	Receipts	- from other Provinces .....	-	-	-	-
G.	Deliveries	- to other Provinces .....	-	-	-	-
H.	Imports	- from U.S.A. Total .....	11,636	1,060	-	-
I.		Primary .....	11,636	1,060	-	-
J.		Secondary .....	-	-	-	-
K.	Exports	- to U.S.A. Total .....	356,551	435,642	-	-
L.		Primary .....	105,657	128,509	-	-
M.		Secondary .....	250,894	307,133	-	-
N.	Consumption (C+F+H-G-K) Total .....		6,002,968	5,928,310	91,116	23,937
O.		Primary .....	5,744,137	5,496,513	76,255	23,937
P.		Secondary .....	258,831	431,797	14,861	-
Cumulative Totals - January - April						
C.	Production	- Total .....	25,522,600	25,517,470	344,495	96,706
D.		Primary .....	23,870,386	23,052,095	301,587	96,706
E.		Secondary .....	1,652,214	2,465,375	42,908	-
F.	Receipts	- from other Provinces .....	-	-	-	-
G.	Deliveries	- to other Provinces .....	-	-	-	-
H.	Imports	- from U.S.A. Total .....	115,129	13,938	-	-
I.		Primary .....	115,129	13,938	-	-
J.		Secondary .....	-	-	-	-
K.	Exports	- to U.S.A. Total .....	1,161,946	1,523,751	-	-
L.		Primary .....	423,558	522,890	-	-
M.		Secondary .....	738,388	1,000,861	-	-
N.	Consumption (C+F+H-G-K) Total .....		24,475,783	24,007,657	344,495	96,706
O.		Primary .....	23,561,957	22,543,143	301,587	96,706
P.		Secondary .....	913,826	1,464,514	42,908	-
			ONTARIO		MANITOBA	
A.	Production	- Hydraulic .....	2,191,183	2,124,724	285,778	252,203
B.		Thermal .....	60,501	6,278	-	8
C.		Total .....	2,251,684	2,131,002	285,778	252,211
D.		Primary .....	1,992,902	1,758,730	223,775	203,479
E.		Secondary .....	258,782	372,272	62,003	48,732
F.	Receipts	- from other Provinces .....	392,791	389,942	46,606	46,629
G.	Deliveries	- to other Provinces .....	983	797	15,380	13,293
H.	Imports	- from U.S.A. Total .....	11,179	823	-	-
I.		Primary .....	11,179	823	-	-
J.		Secondary .....	-	-	-	-
K.	Exports	- to U.S.A. Total .....	299,189	362,753	1	-
L.		Primary .....	51,050	57,680	1	-
M.		Secondary .....	248,139	305,073	-	-
N.	Consumption (C+F+H-G-K) Total .....		2,355,482	2,158,217	317,003	285,547
O.		Primary .....	2,344,839	2,091,018	255,000	236,815
P.		Secondary .....	10,643	67,199	62,003	48,732
Cumulative Totals - January - April						
C.	Production	- Total .....	8,900,008	8,481,266	1,212,633	1,067,895
D.		Primary .....	8,160,354	7,229,970	979,862	895,910
E.		Secondary .....	739,654	1,251,296	232,771	171,985
F.	Receipts	- from other Provinces .....	1,486,499	1,498,584	190,912	201,170
G.	Deliveries	- to other Provinces .....	6,507	3,695	61,751	48,684
H.	Imports	- from U.S.A. Total .....	88,133	13,064	-	-
I.		Primary .....	88,133	13,064	-	-
J.		Secondary .....	-	-	-	-
K.	Exports	- to U.S.A. Total .....	932,785	1,218,234	3	2
L.		Primary .....	209,279	228,471	3	2
M.		Secondary .....	723,506	989,763	-	-
N.	Consumption (C+F+H-G-K) Total .....		9,535,348	8,770,985	1,341,791	1,220,379
O.		Primary .....	9,519,200	8,509,452	1,109,020	1,048,394
P.		Secondary .....	16,148	261,533	232,771	171,985

# CENTRAL ELECTRIC STATIONS

Month of April, 1956

(000 Kw. Hrs.)

PRINCE EDWARD ISLAND		NOVA SCOTIA		NEW BRUNSWICK		QUEBEC		
1956	1955	1956	1955	1956	1955	1956	1955	
-	2	56,710	51,708	49,257	54,014	2,743,009	3,054,476	A.
3,826	3,385	47,944	43,176	24,276	17,430	327	351	B.
3,826	3,387	104,654	94,884	73,533	71,444	2,743,336	3,054,827	C.
3,826	3,387	104,654	94,884	72,745	70,246	2,570,583	2,739,016	D.
-	-	-	-	788	1,198	172,753	315,811	E.
-	-	-	-	1,116	918	983	797	F.
-	-	-	-	4	-	378,527	377,567	G.
-	-	-	-	-	-	24	50	H.
-	-	-	-	-	-	24	50	I.
-	-	-	-	-	-	-	-	J.
-	-	-	-	3,565	4,795	53,116	52,361	K.
-	-	-	-	2,777	3,597	51,149	51,499	L.
-	-	-	-	788	1,198	1,967	862	M.
3,826	3,387	104,654	94,884	71,080	67,567	2,312,700	2,625,746	N.
3,826	3,387	104,654	94,884	71,080	67,567	2,141,914	2,310,797	O.
-	-	-	-	-	-	170,786	314,949	P.
Cumulative Totals - January - April								
14,446	14,756	433,657	395,883	257,880	301,740	10,941,766	12,030,266	C.
14,446	14,756	433,657	395,883	257,092	295,892	10,309,691	10,997,725	D.
-	-	-	-	788	5,848	632,075	1,032,541	E.
-	-	-	-	4,199	3,597	6,507	3,695	F.
-	-	-	-	4	-	1,428,947	1,453,497	G.
-	-	-	-	345	-	106	262	H.
-	-	-	-	345	-	106	262	I.
-	-	-	-	-	-	-	-	J.
-	-	-	-	5,181	19,995	219,014	209,120	K.
-	-	-	-	4,393	14,147	204,920	203,870	L.
-	-	-	-	788	5,848	14,094	5,250	M.
14,446	14,756	433,657	395,883	257,239	285,342	9,300,418	10,371,606	N.
14,446	14,756	433,657	395,883	257,239	285,342	8,682,437	9,344,315	O.
-	-	-	-	-	-	617,981	1,027,291	P.
SASKATCHEWAN		ALBERTA		BRITISH COLUMBIA		YUKON - N.W.T.		
46,606	46,629	74,059	78,711	506,679	469,076	7,489	7,199	A.
75,458	65,212	75,820	49,001	7,763	15,300	82	72	B.
122,064	111,841	149,879	127,712	514,442	484,376	7,571	7,271	C.
122,064	111,841	149,879	127,712	514,442	484,376	7,033	6,354	D.
-	-	-	-	-	-	538	917	E.
-	-	4,263	798	-	-	-	-	F.
46,606	46,629	-	-	4,263	798	-	-	G.
-	-	-	-	433	187	-	-	H.
-	-	-	-	433	187	-	-	I.
-	-	-	-	-	-	-	-	J.
-	-	-	-	680	15,733	-	-	K.
-	-	-	-	680	15,733	-	-	L.
-	-	-	-	-	-	-	-	M.
75,458	65,212	154,142	128,510	509,932	468,032	7,571	7,271	N.
75,458	65,212	154,142	128,510	509,932	468,032	7,033	6,354	O.
-	-	-	-	-	-	538	917	P.
Cumulative Totals - January - April								
520,859	481,400	676,946	559,153	2,187,534	2,057,190	32,376	31,215	C.
520,859	481,400	676,946	559,153	2,187,534	2,056,983	29,277	27,717	D.
-	-	-	-	-	207	3,099	3,498	E.
-	-	11,438	3,872	-	-	-	-	F.
190,912	201,170	-	-	11,438	3,872	-	-	G.
-	-	-	-	26,545	612	-	-	H.
-	-	-	-	26,545	612	-	-	I.
-	-	-	-	-	-	-	-	J.
-	-	-	-	4,963	76,400	-	-	K.
-	-	-	-	4,963	76,400	-	-	L.
-	-	-	-	-	-	-	-	M.
329,947	280,230	688,384	563,025	2,197,678	1,977,530	32,376	31,215	N.
329,947	280,230	688,384	563,025	2,197,678	1,977,323	29,277	27,717	O.
-	-	-	-	-	207	3,099	3,498	P.



CENTRAL ELECTRIC STATIONS  
(Thousands of Kilowatt Hours)  
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Month	1952	1953	1954	1955	1956
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March .....	5,217,771	5,779,752	5,765,717	6,634,995	6,487,121
April .....	5,030,255	5,741,187	5,652,708	6,362,892	6,347,883
May .....	5,334,918	5,757,213	5,928,546	6,640,382	
June .....	4,986,300	5,264,516	5,674,863	6,090,280	
July .....	4,841,336	5,180,727	5,478,282	5,903,332	
August .....	4,968,011	5,089,323	5,447,179	6,052,142	
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October .....	5,418,718	5,509,919	6,131,271	6,430,524	
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March .....	4,702,447	5,131,365	5,391,906	5,912,789	6,018,298
April .....	4,474,730	4,892,161	5,105,672	5,496,513	5,744,137
May .....	4,595,893	4,954,273	5,176,603	5,623,512	
June .....	4,345,595	4,790,738	5,035,235	5,496,284	
July .....	4,357,670	4,773,393	4,967,850	5,425,244	
August .....	4,456,660	4,781,887	5,058,630	5,709,507	
September .....	4,570,727	4,856,892	5,110,850	5,705,751	
October .....	4,927,204	5,182,932	5,440,515	5,953,723	
November .....	4,804,931	5,140,372	5,504,247	6,130,235	
December .....	5,048,084	5,398,403	5,798,928	6,318,203	

# DOMINION BUREAU OF STATISTICS

OTTAWA - CANADA



Memorandum

Published by Authority of the Rt. Hon. C. D. Howe, Minister of Trade and Commerce

Vol. 24, No. 5

May, 1956.

Price: \$1.00 per year

## CENTRAL ELECTRIC STATIONS

*Electric power station*

LIBRARY  
JUL 23 1956  
UNIVERSITY OF TORONTO

Month	Total Production			Consumption of Primary Power		
	1954	1955	1956	1954	1955	1956
Daily Averages (Thousands of Kilowatt Hours)						
January ....	181,724	211,188	x 209,894	173,515	187,023	x 195,873
February ...	184,015	213,313	x 213,082	174,062	190,576	x 197,463
March .....	185,991	214,032	x 209,241	173,932	190,735	x 194,118
April .....	188,424	212,096	x 211,590	170,189	183,217	x 191,465
May .....	191,243	214,206	222,439	166,987	181,404	196,422
June .....	189,162	203,009		167,841	183,209	
July .....	176,719	190,430		160,253	175,008	
August .....	175,715	195,230		163,182	184,178	
September ..	183,660	200,083		170,362	190,192	
October ....	197,783	207,436		175,500	192,056	
November ...	206,871	225,333		183,475	204,341	
December ...	211,490	222,581		187,062	203,813	
INDEX NUMBERS - Seasonally Adjusted (Average 1935 - 1939 = 100)						
January ....	249.4	289.9	x 288.1	348.3	375.4	x 393.2
February ...	247.6	287.0	286.7	348.9	382.0	x 395.8
March .....	253.7	291.9	285.4	354.5	388.8	395.7
April .....	264.6	297.9	297.2	352.7	379.7	x 396.8
May .....	272.9	305.7	317.4	349.8	380.0	411.4
June .....	273.4	293.4		351.0	383.1	
July .....	269.3	290.2		347.2	379.2	
August .....	260.1	289.0		346.0	390.5	
September ..	261.8	285.2		347.6	388.0	
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November ...	267.9	291.8		354.9	395.2	
December ...	282.7	297.5		371.8	405.1	

x Revised

8504-509-56

Prepared in the Transportation & Public Utilities Section

# CENTRAL ELECTRIC STATIONS

Month of May, 1956

(Thousand Kilowatt Hours)

			CANADA		NEWFOUNDLAND	
			1956	1955	1956	1955
A.	Production	Hydraulic .....	6,628,089	6,433,510	89,908	23,997
B.		Thermal .....	267,513	206,872	129	115
C.		Total .....	6,895,602	6,640,382	90,037	24,112
D.		Primary .....	6,207,991	5,755,214	77,311	24,112
E.		Secondary .....	687,611	885,168	12,726	-
F.	Receipts	from other Provinces .....	-	-	-	-
G.	Deliveries	to other Provinces .....	-	-	-	-
H.	Imports	from U.S.A. Total .....	2,313	1,185	-	-
I.		Primary .....	2,313	1,185	-	-
J.		Secondary .....	-	-	-	-
K.	Exports	to U.S.A. Total .....	461,337	525,908	-	-
L.		Primary .....	121,229	132,887	-	-
M.		Secondary .....	340,108	393,021	-	-
N.	Consumption (C+F+H-G-K) Total .....		6,436,578	6,115,659	90,037	24,112
O.		Primary .....	6,089,075	5,623,512	77,311	24,112
P.		Secondary .....	347,503	492,147	12,726	-
Cumulative Totals - January - May						
C.	Production	Total .....	32,415,858	32,157,852	434,532	120,818
D.		Primary .....	30,076,952	28,807,309	378,898	120,818
E.		Secondary .....	2,338,906	3,350,543	55,634	-
F.	Receipts	from other Provinces .....	-	-	-	-
G.	Deliveries	to other Provinces .....	-	-	-	-
H.	Imports	from U.S.A. Total .....	117,442	15,123	-	-
I.		Primary .....	117,442	15,123	-	-
J.		Secondary .....	-	-	-	-
K.	Exports	to U.S.A. Total .....	1,623,283	2,049,659	-	-
L.		Primary .....	544,787	655,777	-	-
M.		Secondary .....	1,078,496	1,393,882	-	-
N.	Consumption (C+F+H-G-K) Total .....		30,910,017	30,123,316	434,532	120,818
O.		Primary .....	29,649,607	28,166,655	378,898	120,818
P.		Secondary .....	1,260,410	1,956,661	55,634	-
ONTARIO						
A.	Production	Hydraulic .....	2,415,083	2,228,429	283,267	252,082
B.		Thermal .....	27,955	6,084	-	-
C.		Total .....	2,443,038	2,234,513	283,267	252,082
D.		Primary .....	2,082,947	1,800,535	229,091	209,002
E.		Secondary .....	360,091	433,978	54,176	43,080
F.	Receipts	from other Provinces .....	374,116	397,173	46,179	46,593
G.	Deliveries	to other Provinces .....	974	848	14,009	12,649
H.	Imports	from U.S.A. Total .....	1,655	920	-	-
I.		Primary .....	1,655	920	-	-
J.		Secondary .....	-	-	-	-
K.	Exports	to U.S.A. Total .....	399,223	450,365	-	-
L.		Primary .....	61,470	60,464	-	-
M.		Secondary .....	337,753	389,901	-	-
N.	Consumption (C+F+H-G-K) Total .....		2,418,612	2,181,393	315,437	286,026
O.		Primary .....	2,396,274	2,137,316	261,261	242,946
P.		Secondary .....	22,338	44,077	54,176	43,080
MANITOBA						
C.	Production	Total .....	11,343,046	10,715,779	1,495,900	1,319,977
D.		Primary .....	10,243,301	9,030,505	1,208,953	1,104,912
E.		Secondary .....	1,099,745	1,685,274	286,947	215,065
F.	Receipts	from other Provinces .....	1,860,615	1,895,757	237,091	247,763
G.	Deliveries	to other Provinces .....	7,481	4,543	75,760	61,333
H.	Imports	from U.S.A. Total .....	89,788	13,984	-	-
I.		Primary .....	89,788	13,984	-	-
J.		Secondary .....	-	-	-	-
K.	Exports	to U.S.A. Total .....	1,332,008	1,668,599	3	2
L.		Primary .....	270,749	288,935	3	2
M.		Secondary .....	1,061,259	1,379,664	-	-
N.	Consumption (C+F+H-G-K) Total .....		11,953,960	10,952,378	1,657,228	1,506,405
O.		Primary .....	11,915,474	10,646,768	1,370,281	1,291,340
P.		Secondary .....	38,486	305,610	286,947	215,065



# CENTRAL ELECTRIC STATIONS

Month of May, 1956

(000 Kw. Hrs.)

PRINCE EDWARD ISLAND		NOVA SCOTIA		NEW BRUNSWICK		QUEBEC		
1956	1955	1956	1955	1956	1955	1956	1955	
-	15	55,991	41,728	62,497	55,824	3,100,245	3,225,014	A.
4,195	3,473	49,947	52,342	17,681	16,803	114	506	B.
4,195	3,488	105,938	94,070	80,178	72,627	3,100,359	3,225,520	C.
4,195	3,488	105,938	94,070	79,273	71,322	2,840,977	2,819,522	D.
-	-	-	-	905	1,305	259,382	405,998	E.
-	-	-	-	1,192	947	974	848	F.
-	-	-	-	-	-	361,299	385,471	G.
-	-	-	-	-	-	23	76	H.
-	-	-	-	-	-	23	76	I.
-	-	-	-	-	-	-	-	J.
-	-	-	-	5,108	5,028	55,940	56,121	K.
-	-	-	-	4,283	3,723	54,490	54,306	L.
-	-	-	-	905	1,305	1,450	1,815	M.
4,195	3,488	105,938	94,070	76,182	68,546	2,684,117	2,784,852	N.
4,195	3,488	105,938	94,070	76,182	68,546	2,426,185	2,380,669	O.
-	-	-	-	-	-	257,932	404,183	P.
Cumulative Totals - January - May								
18,641	18,244	539,595	489,953	338,058	374,367	14,039,781	15,255,786	C.
18,641	18,244	539,595	489,953	336,365	367,214	13,148,324	13,817,247	D.
-	-	-	-	1,693	7,153	891,457	1,438,539	E.
-	-	4	-	5,391	4,544	7,481	4,543	F.
-	-	-	-	4	-	1,790,246	1,838,968	G.
-	-	-	-	345	-	129	338	H.
-	-	-	-	345	-	129	338	I.
-	-	-	-	-	-	-	-	J.
-	-	-	-	10,369	25,023	274,954	265,241	K.
-	-	-	-	8,676	17,870	259,410	258,176	L.
-	-	-	-	1,693	7,153	15,544	7,065	M.
18,641	18,244	539,599	489,953	333,421	353,888	11,982,191	13,156,458	N.
18,641	18,244	539,599	489,953	333,421	353,888	11,106,278	11,724,984	O.
-	-	-	-	-	-	875,913	1,431,474	P.
SASKATCHEWAN		ALBERTA		BRITISH COLUMBIA		YUKON - N.W.T.		
1956	1955	1956	1955	1956	1955	1956	1955	
46,179	46,593	66,082	78,303	501,586	474,346	7,251	7,179	A.
76,311	65,399	83,168	51,463	7,932	10,617	81	70	B.
122,490	111,992	149,250	129,766	509,518	484,963	7,332	7,249	C.
122,490	111,992	149,250	129,766	509,518	484,963	7,001	6,442	D.
-	-	-	-	-	-	331	807	E.
-	-	3,150	658	-	-	-	-	F.
46,179	46,593	-	-	3,150	658	-	-	G.
-	-	-	-	635	189	-	-	H.
-	-	-	-	635	189	-	-	I.
-	-	-	-	-	-	-	-	J.
-	-	-	-	986	14,394	-	-	K.
-	-	-	-	986	14,394	-	-	L.
-	-	-	-	-	-	-	-	M.
76,311	65,399	152,400	130,424	506,017	470,100	7,332	7,249	N.
76,311	65,399	152,400	130,424	506,017	470,100	7,001	6,442	O.
-	-	-	-	-	-	331	807	P.
Cumulative Totals - January - May								
643,349	593,392	826,196	688,919	2,697,052	2,542,153	39,708	38,464	C.
643,349	593,392	826,196	688,919	2,697,052	2,541,946	36,278	34,159	D.
-	-	-	-	-	207	3,430	4,305	E.
-	-	14,588	4,530	-	-	-	-	F.
237,091	247,763	-	-	14,588	4,530	-	-	G.
-	-	-	-	27,180	801	-	-	H.
-	-	-	-	27,180	801	-	-	I.
-	-	-	-	-	-	-	-	J.
-	-	-	-	5,949	90,794	-	-	K.
-	-	-	-	5,949	90,794	-	-	L.
-	-	-	-	-	-	-	-	M.
406,258	345,629	840,784	693,449	2,703,695	2,447,630	39,708	38,464	N.
406,258	345,629	840,784	693,449	2,703,695	2,447,423	36,278	34,159	O.
-	-	-	-	-	207	3,430	4,305	P.

CENTRAL ELECTRIC STATIONS  
(Thousands of Kilowatt Hours)  
PRODUCTION

Month	1952	1953	1954	1955	1956
January .....	5,268,718	5,656,537	5,633,449	6,546,830	x 6,506,705
February .....	4,969,944	5,255,048	5,152,431	5,972,753	x 6,179,392
March .....	5,217,771	5,779,752	5,765,717	6,634,995	x 6,486,472
April .....	5,030,255	5,741,187	5,652,708	6,362,892	x 6,347,687
May .....	5,334,918	5,757,213	5,928,546	6,640,382	6,895,602
June .....	4,986,300	5,264,516	5,674,863	6,090,280	
July .....	4,841,336	5,180,727	5,478,282	5,903,332	
August .....	4,968,011	5,089,323	5,447,179	6,052,142	
September .....	4,993,148	5,088,698	5,509,800	6,002,497	
October .....	5,418,718	5,509,919	6,131,271	6,430,524	
November .....	5,221,355	5,447,837	6,206,137	6,759,979	
December .....	5,535,561	5,718,496	6,556,201	6,900,024	

IMPORTS FROM THE UNITED STATES

January .....	88	574	33,942	3,466	39,581
February .....	4,873	425	21,938	4,290	27,861
March .....	3,328	940	6,447	5,122	36,051
April .....	5,164	500	23,566	1,060	11,636
May .....	329	264	7,831	1,185	2,313
June .....	140	282	5,330	5,523	
July .....	137	326	1,377	12,673	
August .....	2,762	416	2,680	25,023	
September .....	833	65,416	3,060	50,748	
October .....	50	30,584	3,149	28,322	
November .....	165	46,478	4,198	3,402	
December .....	442	32,594	4,117	15,687	

EXPORTS TO THE UNITED STATES

January .....	210,135	215,202	137,781	375,907	266,548
February .....	210,454	196,975	130,283	330,580	262,880
March .....	240,115	218,409	148,023	381,622	275,967
April .....	236,150	235,302	164,845	435,642	356,551
May .....	268,639	236,046	213,670	525,908	461,337
June .....	233,819	200,262	213,895	373,462	
July .....	202,453	209,352	257,964	360,587	
August .....	206,370	192,290	223,832	272,782	
September .....	174,137	161,634	211,818	232,363	
October .....	173,364	190,719	336,109	309,246	
November .....	150,156	191,184	321,381	427,723	
December .....	187,241	176,655	358,707	407,638	

CONSUMPTION OF PRIMARY POWER  
(Production plus Imports less Exports and Secondary Power)

January .....	4,784,385	5,106,043	5,378,953	5,797,713	x 6,072,505
February .....	4,500,020	4,681,074	4,873,747	5,336,128	x 5,726,437
March .....	4,702,447	5,131,365	5,391,906	5,912,789	x 6,017,649
April .....	4,474,730	4,892,161	5,105,672	5,496,513	x 5,743,941
May .....	4,595,893	4,954,273	5,176,603	5,623,512	6,089,075
June .....	4,345,595	4,790,738	5,035,235	5,496,284	
July .....	4,357,670	4,773,393	4,967,850	5,425,244	
August .....	4,456,660	4,781,887	5,058,630	5,709,507	
September .....	4,570,727	4,856,892	5,110,850	5,705,751	
October .....	4,927,204	5,182,932	5,440,515	5,953,723	
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# DOMINION BUREAU OF STATISTICS

OTTAWA - CANADA

Published by Authority of the Rt. Hon. C. D. Howe, Minister of Trade and Commerce



## Memorandum

Vol. 24, No. 6

June, 1956

Price: \$1.00 per year

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June .....	273.4	293.4	324.3	351.0	383.1	415.0
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September ..	261.8	285.2		347.6	388.0	
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x Revised

8504-509-66

Prepared in the Transportation & Public Utilities Section.



## CENTRAL ELECTRIC STATIONS

Month of June, 1956

(Thousand Kilowatt Hours)

			CANADA		NEWFOUNDLAND	
			1956	1955	1956	1955
A.	Production	— Hydraulic .....	6,489,407	5,883,817	83,720	66,756
B.		Thermal .....	243,236	206,463	119	103
C.		Total .....	6,732,643	6,090,280	83,839	66,859
D.		Primary .....	6,071,776	5,615,010	74,918	66,859
E.		Secondary .....	660,867	475,270	8,921	-
F.	Receipts	— from other Provinces .....	-	-	-	-
G.	Deliveries	— to other Provinces .....	-	-	-	-
H.	Imports	— from U.S.A. Total .....	2,339	5,523	-	-
I.		Primary .....	2,339	5,523	-	-
J.		Secondary .....	-	-	-	-
K.	Exports	— to U.S.A. Total .....	453,936	373,462	-	-
L.		Primary .....	120,196	124,249	-	-
M.		Secondary .....	333,740	249,213	-	-
N.	Consumption (C+F+H-G-K) Total .....		6,281,046	5,722,341	83,839	66,859
O.		Primary .....	5,953,919	5,496,284	74,918	66,859
P.		Secondary .....	327,127	226,057	8,921	-

Cumulative Totals — January — June

C.	Production	— Total .....	39,148,501	38,248,132	518,371	187,677
D.		Primary .....	36,148,728	34,422,319	453,816	187,677
E.		Secondary .....	2,999,773	3,825,813	64,555	-
F.	Receipts	— from other Provinces .....	-	-	-	-
G.	Deliveries	— to other Provinces .....	-	-	-	-
H.	Imports	— from U.S.A. Total .....	119,781	20,646	-	-
I.		Primary .....	119,781	20,646	-	-
J.		Secondary .....	-	-	-	-
K.	Exports	— to U.S.A. Total .....	2,077,219	2,423,121	-	-
L.		Primary .....	664,983	780,026	-	-
M.		Secondary .....	1,412,236	1,643,095	-	-
N.	Consumption (C+F+H-G-K) Total .....		37,191,063	35,845,657	518,371	187,677
O.		Primary .....	35,603,526	33,662,939	453,816	187,677
P.		Secondary .....	1,587,537	2,182,718	64,555	-

ONTARIO

MANITOBA

A.	Production	— Hydraulic .....	2,339,734	1,987,779	231,477	231,561
B.		Thermal .....	21,229	4,732	2	7
C.		Total .....	2,360,963	1,992,511	231,479	231,568
D.		Primary .....	2,000,753	1,733,600	209,108	205,014
E.		Secondary .....	360,210	258,911	22,371	26,554
F.	Receipts	— from other Provinces .....	336,488	387,794	41,562	42,276
G.	Deliveries	— to other Provinces .....	820	755	8,730	12,430
H.	Imports	— from U.S.A. Total .....	1,874	5,224	-	-
I.		Primary .....	1,874	5,224	-	-
J.		Secondary .....	-	-	-	-
K.	Exports	— to U.S.A. Total .....	391,645	303,091	-	-
L.		Primary .....	62,061	57,137	-	-
M.		Secondary .....	329,584	245,954	-	-
N.	Consumption (C+F+H-G-K) Total .....		2,306,860	2,081,683	264,311	261,414
O.		Primary .....	2,276,234	2,068,726	241,940	234,860
P.		Secondary .....	30,626	12,957	22,371	26,554

Cumulative Totals — January — June

C.	Production	— Total .....	13,704,009	12,708,290	1,727,379	1,551,545
D.		Primary .....	12,244,054	10,764,105	1,418,061	1,309,926
E.		Secondary .....	1,459,955	1,944,185	309,318	241,619
F.	Receipts	— from other Provinces .....	2,197,103	2,283,551	278,653	290,039
G.	Deliveries	— to other Provinces .....	8,301	5,298	84,490	73,763
H.	Imports	— from U.S.A. Total .....	91,662	19,208	-	-
I.		Primary .....	91,662	19,208	-	-
J.		Secondary .....	-	-	-	-
K.	Exports	— to U.S.A. Total .....	1,723,653	1,971,690	3	2
L.		Primary .....	332,810	346,072	3	2
M.		Secondary .....	1,390,843	1,625,618	-	-
N.	Consumption (C+F+H-G-K) Total .....		14,260,820	13,034,061	1,921,539	1,767,819
O.		Primary .....	14,191,708	12,715,494	1,612,221	1,526,200
P.		Secondary .....	69,112	318,567	309,318	241,619

# CENTRAL ELECTRIC STATIONS

Month of June, 1956

(000 Kw. Hrs.)

PRINCE EDWARD ISLAND		NOVA SCOTIA		NEW BRUNSWICK		QUEBEC		
1956	1955	1956	1955	1956	1955	1956	1955	
-	-	56,365	38,231	56,333	57,278	3,099,516	2,938,543	A.
4,102	3,311	56,759	55,012	20,863	17,235	80	1,019	B.
4,102	3,311	113,124	93,243	77,196	74,513	3,099,596	2,939,562	C.
4,102	3,311	113,124	93,243	76,362	73,359	2,831,104	2,751,185	D.
-	-	-	-	834	1,154	268,492	188,377	E.
-	-	-	-	1,217	949	820	755	F.
-	-	-	-	-	-	328,975	376,313	G.
-	-	-	-	-	-	22	99	H.
-	-	-	-	-	-	22	99	I.
-	-	-	-	-	-	-	-	J.
-	-	-	-	3,844	4,664	56,773	54,909	K.
-	-	-	-	3,010	3,510	53,451	52,804	L.
-	-	-	-	834	1,154	3,322	2,105	M.
4,102	3,311	113,124	93,243	74,569	70,798	2,714,690	2,509,194	N.
4,102	3,311	113,124	93,243	74,569	70,798	2,449,520	2,322,922	O.
-	-	-	-	-	-	265,170	186,272	P.
Cumulative Totals - January - June								
22,743	21,555	652,719	583,196	415,254	448,880	17,139,377	18,195,348	C.
22,743	21,555	652,719	583,196	412,727	440,573	15,979,428	16,568,432	D.
-	-	-	-	2,527	8,307	1,159,949	1,626,916	E.
-	-	4	-	6,608	5,493	8,301	5,298	F.
-	-	-	-	4	-	2,119,221	2,215,281	G.
-	-	-	-	345	-	151	437	H.
-	-	-	-	345	-	151	437	I.
-	-	-	-	-	-	-	-	J.
-	-	-	-	14,213	29,687	331,727	320,150	K.
-	-	-	-	11,686	21,380	312,861	310,980	L.
-	-	-	-	2,527	8,307	18,866	9,170	M.
22,743	21,555	652,723	583,196	407,990	424,686	14,696,881	15,665,652	N.
22,743	21,555	652,723	583,196	407,990	424,686	13,555,798	14,047,906	O.
-	-	-	-	-	-	1,141,083	1,617,746	P.
SASKATCHEWAN		ALBERTA		BRITISH COLUMBIA		YUKON - N.W.T.		
41,562	42,276	90,490	72,219	483,811	442,979	6,399	6,195	A.
73,523	63,431	57,673	53,335	8,803	8,211	83	67	B.
115,085	105,707	148,163	125,554	492,614	451,190	6,482	6,262	C.
115,085	105,707	148,163	125,554	492,614	451,190	6,443	5,988	D.
-	-	-	-	-	-	39	274	E.
-	-	716	1,178	-	-	-	-	F.
41,562	42,276	-	-	716	1,178	-	-	G.
-	-	-	-	443	200	-	-	H.
-	-	-	-	443	200	-	-	I.
-	-	-	-	-	-	-	-	J.
-	-	-	-	1,674	10,798	-	-	K.
-	-	-	-	1,674	10,798	-	-	L.
-	-	-	-	-	-	-	-	M.
73,523	63,431	148,879	126,732	490,667	439,414	6,482	6,262	N.
73,523	63,431	148,879	126,732	490,667	439,414	6,443	5,988	O.
-	-	-	-	-	-	39	274	P.
Cumulative Totals - January - June								
758,434	699,099	974,359	723,601	3,189,666	2,993,343	46,190	44,726	C.
758,434	699,099	974,359	723,601	3,189,666	2,993,136	42,721	40,147	D.
-	-	-	-	-	207	3,469	4,579	E.
-	-	15,304	10,537	-	-	-	-	F.
278,653	290,039	-	-	15,304	5,708	-	-	G.
-	-	-	-	27,623	1,001	-	-	H.
-	-	-	-	27,623	1,001	-	-	I.
-	-	-	-	-	-	-	-	J.
-	-	-	-	7,623	101,592	-	-	K.
-	-	-	-	7,623	101,592	-	-	L.
-	-	-	-	-	-	-	-	M.
479,781	409,060	989,663	734,138	3,194,362	2,887,044	46,190	44,726	N.
479,781	409,060	989,663	734,138	3,194,362	2,886,837	42,721	40,147	O.
-	-	-	-	-	207	3,469	4,579	P.

CENTRAL ELECTRIC STATIONS  
(Thousands of Kilowatt Hours)

PRODUCTION

Month	1952	1953	1954	1955	1956
January .....	5,268,718	5,656,537	5,633,449	6,546,830	x 6,506,705
February .....	4,969,944	5,255,048	5,152,431	5,972,753	x 6,179,392
March .....	5,217,771	5,779,752	5,765,717	6,634,995	x 6,486,472
April .....	5,030,255	5,741,187	5,652,708	6,362,892	x 6,347,687
May .....	5,334,918	5,757,213	5,928,546	6,640,382	6,895,602
June .....	4,986,300	5,264,516	5,674,863	6,090,280	6,732,643
July .....	4,841,336	5,180,727	5,478,282	5,903,332	
August .....	4,968,011	5,089,323	5,447,179	6,052,142	
September .....	4,993,148	5,088,698	5,509,800	6,002,497	
October .....	5,418,718	5,509,919	6,131,271	6,430,524	
November .....	5,221,355	5,447,837	6,206,137	6,759,979	
December .....	5,535,561	5,718,496	6,556,201	6,900,024	

IMPORTS FROM THE UNITED STATES

January .....	88	574	33,942	3,466	39,581
February .....	4,873	425	21,938	4,290	27,861
March .....	3,328	940	6,447	5,122	36,051
April .....	5,164	500	23,566	1,060	11,636
May .....	329	264	7,831	1,185	2,313
June .....	140	282	5,330	5,523	2,339
July .....	137	326	1,377	12,673	
August .....	2,762	416	2,680	25,023	
September .....	833	65,416	3,060	50,748	
October .....	50	30,584	3,149	28,322	
November .....	165	46,478	4,198	3,402	
December .....	442	32,594	4,117	15,687	

EXPORTS TO THE UNITED STATES

January .....	210,135	215,202	137,781	375,907	266,548
February .....	210,454	196,975	130,283	330,580	262,880
March .....	240,115	218,409	148,023	381,622	275,967
April .....	236,150	235,302	164,845	435,642	356,551
May .....	268,639	236,046	213,670	525,908	461,337
June .....	233,819	200,262	213,895	373,462	453,936
July .....	202,453	209,352	257,964	360,587	
August .....	206,370	192,290	223,832	272,782	
September .....	174,137	161,634	211,818	232,363	
October .....	173,364	190,719	336,109	309,246	
November .....	150,156	191,184	321,381	427,723	
December .....	187,241	176,655	358,707	407,638	

CONSUMPTION OF PRIMARY POWER  
(Production plus Imports less Exports and Secondary Power)

January .....	4,784,385	5,106,043	5,378,953	5,797,713	x 6,072,505
February .....	4,500,020	4,681,074	4,873,747	5,336,128	x 5,726,437
March .....	4,702,447	5,131,365	5,391,906	5,912,789	x 6,017,649
April .....	4,474,730	4,892,161	5,105,672	5,496,513	x 5,743,941
May .....	4,595,893	4,954,273	5,176,603	5,623,512	6,089,075
June .....	4,345,595	4,790,738	5,035,235	5,496,284	5,953,919
July .....	4,357,670	4,773,393	4,967,850	5,425,244	
August .....	4,456,660	4,781,887	5,058,630	5,709,507	
September .....	4,570,727	4,856,892	5,110,850	5,705,751	
October .....	4,927,204	5,182,932	5,440,515	5,953,723	
November .....	4,804,931	5,140,372	5,504,247	6,130,235	
December .....	5,048,084	5,398,403	5,798,928	6,318,203	

x Revised



MINION BUREAU OF STATISTICS  
OTTAWA - CANADA

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Memorandum

OF TORONTO

*Electric power statistics*

Vol. 24, No. 7

July, 1956

Price: \$1.00 per year

## CENTRAL ELECTRIC STATIONS

Month	Total Production			Consumption of Primary Power		
	1954	1955	1956	1954	1955	1956
Daily Averages (Thousands of Kilowatt Hours)						
January ....	181,724	211,188	x 209,894	173,515	187,023	x 195,873
February ...	184,015	213,313	x 213,082	174,062	190,576	x 197,463
March .....	185,991	214,032	x 209,241	173,932	190,735	x 194,118
April .....	188,424	212,096	x 211,590	170,189	183,217	x 191,465
May .....	191,243	214,206	222,439	166,987	181,404	196,422
June .....	189,162	203,009	x 224,096	167,841	183,209	x 198,139
July .....	176,719	190,430	215,249	160,253	175,008	198,375
August .....	175,715	195,230		163,182	184,178	
September ..	183,660	200,083		170,362	190,192	
October ....	197,783	207,436		175,500	192,056	
November ...	206,871	225,333		183,475	204,341	
December ...	211,490	222,581		187,062	203,813	
INDEX NUMBERS - Seasonally Adjusted (Average 1935 - 1939 = 100)						
January ....	249.4	289.9	x 288.1	348.3	375.4	x 393.2
February ...	247.6	287.0	286.7	348.9	382.0	x 395.8
March .....	253.7	291.9	285.4	354.5	388.8	395.7
April .....	264.6	297.9	297.2	352.7	379.7	x 396.8
May .....	272.9	305.7	317.4	349.8	380.0	411.4
June .....	273.4	293.4	x 323.9	351.0	383.1	x 414.3
July .....	269.3	290.2	328.0	347.2	379.2	429.8
August .....	260.1	289.0		346.0	390.5	
September ..	261.8	285.2		347.6	388.0	
October ....	268.3	281.4		345.1	377.7	
November ...	267.9	291.8		354.9	395.2	
December ...	282.7	297.5		371.8	405.1	

Revised

504-509-76

Prepared in the Transportation &amp; Public Utilities Section.

## CENTRAL ELECTRIC STATIONS

(Thousand Kilowatt Hours)

Month of July, 1956

		CANADA		NEWFOUNDLAND	
		1956	1955	1956	1955
A.	Production - Hydraulic .....	6,394,316	5,688,122	80,974	71,193
B.	Thermal .....	278,394	215,210	209	106
C.	Total .....	6,672,710	5,903,332	81,183	71,299
D.	Primary .....	6,054,947	5,545,403	72,110	71,299
E.	Secondary .....	617,763	357,929	9,073	-
F.	Receipts - from other Provinces .....	-	-	-	-
G.	Deliveries - to other Provinces .....	-	-	-	-
H.	Imports - from U.S.A. Total .....	1,625	12,673	-	-
I.	Primary .....	1,625	12,673	-	-
J.	Secondary .....	-	-	-	-
K.	Exports - to U.S.A. Total .....	524,714	360,587	-	-
L.	Primary .....	122,582	132,832	-	-
M.	Secondary .....	402,132	227,755	-	-
N.	Consumption (C+F+H-G-K) Total .....	6,149,621	5,555,418	81,183	71,299
O.	Primary .....	5,933,990	5,425,244	72,110	71,299
P.	Secondary .....	215,631	130,174	9,073	-
Cumulative Totals - January - July					
C.	Production - Total .....	45,811,459	44,151,464	599,554	258,976
D.	Primary .....	42,193,923	39,967,722	525,926	258,976
E.	Secondary .....	3,617,536	4,183,742	73,628	-
F.	Receipts - from other Provinces .....	-	-	-	-
G.	Deliveries - to other Provinces .....	-	-	-	-
H.	Imports - from U.S.A. Total .....	121,406	33,319	-	-
I.	Primary .....	121,406	33,319	-	-
J.	Secondary .....	-	-	-	-
K.	Exports - to U.S.A. Total .....	2,601,933	2,783,708	-	-
L.	Primary .....	787,565	912,858	-	-
M.	Secondary .....	1,814,368	1,870,850	-	-
N.	Consumption (C+F+H-G-K) Total .....	43,330,932	41,401,075	599,554	258,976
O.	Primary .....	41,527,764	39,088,183	525,926	258,976
P.	Secondary .....	1,803,168	2,312,892	73,628	-
ONTARIO					
MANITOBA					
A.	Production - Hydraulic .....	2,343,354	1,916,654	216,185	216,231
B.	Thermal .....	30,904	3,373	-	-
C.	Total .....	2,374,258	1,920,027	216,185	216,231
D.	Primary .....	1,952,320	1,695,610	201,806	189,262
E.	Secondary .....	421,938	224,417	14,379	26,969
F.	Receipts - from other Provinces .....	357,514	362,214	43,255	45,244
G.	Deliveries - to other Provinces .....	920	730	6,639	11,137
H.	Imports - from U.S.A. Total .....	722	12,466	-	-
I.	Primary .....	722	12,466	-	-
J.	Secondary .....	-	-	-	-
K.	Exports - to U.S.A. Total .....	460,842	286,076	-	1
L.	Primary .....	63,620	62,953	-	1
M.	Secondary .....	397,222	223,123	-	-
N.	Consumption (C+F+H-G-K) Total .....	2,270,732	2,007,901	252,801	250,337
O.	Primary .....	2,246,016	2,006,607	238,422	223,368
P.	Secondary .....	24,716	1,294	14,379	26,969
Cumulative Totals - January - July					
C.	Production - Total .....	16,078,267	14,628,316	1,943,564	1,767,776
D.	Primary .....	14,196,374	12,459,715	1,619,867	1,499,188
E.	Secondary .....	1,881,893	2,168,602	323,697	268,588
F.	Receipts - from other Provinces .....	2,554,617	2,645,765	321,908	335,283
G.	Deliveries - to other Provinces .....	9,221	6,028	91,129	84,900
H.	Imports - from U.S.A. Total .....	92,384	31,674	-	-
I.	Primary .....	92,384	31,674	-	-
J.	Secondary .....	-	-	-	-
K.	Exports - to U.S.A. Total .....	2,184,495	2,257,766	3	3
L.	Primary .....	396,430	409,025	3	3
M.	Secondary .....	1,788,065	1,848,741	-	-
N.	Consumption (C+F+H-G-K) Total .....	16,531,552	15,041,962	2,174,340	2,018,156
O.	Primary .....	16,437,724	14,722,101	1,850,643	1,749,568
P.	Secondary .....	93,828	319,861	323,697	268,588

# CENTRAL ELECTRIC STATIONS

Month of July, 1956

(000 Kw. Hrs.)

PRINCE EDWARD ISLAND		NOVA SCOTIA		NEW BRUNSWICK		QUEBEC		
1956	1955	1956	1955	1956	1955	1956	1955	
-	-	31,377	35,943	46,484	42,574	3,074,271	2,819,761	A.
4,325	3,995	69,157	57,439	32,925	25,386	23	1,105	B.
4,325	3,995	100,534	93,382	79,409	67,960	3,074,294	2,820,866	C.
4,325	3,995	100,534	93,382	78,823	67,821	2,902,615	2,714,860	D.
-	-	-	-	586	139	171,679	106,006	E.
-	-	-	-	1,181	817	920	730	F.
-	-	-	-	-	-	352,056	351,894	G.
-	-	-	-	-	-	20	47	H.
-	-	-	-	-	-	20	47	I.
-	-	-	-	-	-	-	-	J.
-	-	-	-	3,175	1,739	59,947	58,786	K.
-	-	-	-	2,589	1,600	55,623	54,293	L.
-	-	-	-	586	139	4,324	4,493	M.
4,325	3,995	100,534	93,382	77,415	67,038	2,663,231	2,410,963	N.
4,325	3,995	100,534	93,382	77,415	67,038	2,495,876	2,309,450	O.
-	-	-	-	-	-	167,355	101,513	P.
Cumulative Totals - January - July								
27,068	25,550	743,561	676,578	494,663	516,840	20,213,611	21,016,214	C.
27,068	25,550	743,561	676,578	491,550	508,394	18,881,983	19,283,292	D.
-	-	-	-	3,113	8,446	1,331,628	1,732,922	E.
-	-	4	-	7,789	6,310	9,221	6,028	F.
-	-	-	-	4	-	2,471,277	2,567,175	G.
-	-	-	-	345	-	171	484	H.
-	-	-	-	345	-	171	484	I.
-	-	-	-	-	-	-	-	J.
-	-	-	-	17,388	31,426	391,674	378,936	K.
-	-	-	-	14,275	22,980	368,484	365,273	L.
-	-	-	-	3,113	8,446	23,190	13,663	M.
27,068	25,550	743,565	676,578	485,405	491,724	17,360,052	18,076,615	N.
27,068	25,550	743,565	676,578	485,405	491,724	16,051,614	16,375,356	O.
-	-	-	-	-	-	1,308,438	1,719,259	P.
SASKATCHEWAN		ALBERTA		BRITISH COLUMBIA		YUKON-N.W.T.		
1956	1955	1956	1955	1956	1955	1956	1955	
43,255	45,244	90,226	75,460	461,890	458,638	6,300	6,424	A.
73,190	64,558	59,910	53,054	7,667	6,126	84	68	B.
116,445	109,802	150,136	128,514	469,557	464,764	6,384	6,492	C.
116,445	109,802	150,136	128,514	469,557	464,764	6,276	6,094	D.
-	-	-	-	-	-	108	398	E.
-	-	844	1,508	-	-	-	-	F.
43,255	45,244	-	-	844	1,508	-	-	G.
-	-	-	-	883	160	-	-	H.
-	-	-	-	883	160	-	-	I.
-	-	-	-	-	-	-	-	J.
-	-	-	-	750	13,985	-	-	K.
-	-	-	-	750	13,985	-	-	L.
-	-	-	-	-	-	-	-	M.
73,190	64,558	150,980	130,022	468,846	449,431	6,384	6,492	N.
73,190	64,558	150,980	130,022	468,846	449,431	6,276	6,094	O.
-	-	-	-	-	-	108	398	P.
Cumulative Totals - January - July								
874,879	808,901	1,124,495	942,987	3,659,223	3,458,107	52,574	51,218	C.
874,879	808,901	1,124,495	942,987	3,659,223	3,457,900	48,997	46,241	D.
-	-	-	-	-	207	3,577	4,977	E.
-	-	16,148	7,216	-	-	-	-	F.
321,908	335,283	-	-	16,148	7,216	-	-	G.
-	-	-	-	28,506	1,161	-	-	H.
-	-	-	-	28,506	1,161	-	-	I.
-	-	-	-	-	-	-	-	J.
-	-	-	-	8,373	115,577	-	-	K.
-	-	-	-	8,373	115,577	-	-	L.
-	-	-	-	-	-	-	-	M.
552,971	473,618	1,140,643	950,203	3,663,208	3,336,475	52,574	51,218	N.
552,971	473,618	1,140,643	950,203	3,663,208	3,336,268	48,997	46,241	O.
-	-	-	-	-	207	3,577	4,977	P.



CENTRAL ELECTRIC STATIONS  
(Thousands of Kilowatt Hours)  
PRODUCTION

Month	1952	1953	1954	1955	1956
January .....	5,268,718	5,656,537	5,633,449	6,546,830	x 6,506,705
February .....	4,969,944	5,255,048	5,152,431	5,972,753	x 6,179,392
March .....	5,217,771	5,779,752	5,765,717	6,634,995	x 6,486,472
April .....	5,030,255	5,741,187	5,652,708	6,362,892	x 6,347,687
May .....	5,334,918	5,757,213	5,928,546	6,640,382	6,895,602
June .....	4,986,300	5,264,516	5,674,863	6,090,280	x 6,722,891
July .....	4,841,336	5,180,727	5,478,282	5,903,332	6,672,710
August .....	4,968,011	5,089,323	5,447,179	6,052,142	
September .....	4,993,148	5,088,698	5,509,800	6,002,497	
October .....	5,418,718	5,509,919	6,131,271	6,430,524	
November .....	5,221,355	5,447,837	6,206,137	6,759,979	
December .....	5,535,561	5,718,496	6,556,201	6,900,024	

IMPORTS FROM THE UNITED STATES

January .....	88	574	33,942	3,466	39,581
February .....	4,873	425	21,938	4,290	27,861
March .....	3,328	940	6,447	5,122	36,051
April .....	5,164	500	23,566	1,060	11,636
May .....	329	264	7,831	1,185	2,313
June .....	140	282	5,330	5,523	2,339
July .....	137	326	1,377	12,673	1,625
August .....	2,762	416	2,680	25,023	
September .....	833	65,416	3,060	50,748	
October .....	50	30,584	3,149	28,322	
November .....	165	46,478	4,198	3,402	
December .....	442	32,594	4,117	15,687	

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April .....	236,150	235,302	164,845	435,642	356,551
May .....	268,639	236,046	213,670	525,908	461,337
June .....	233,819	200,262	213,895	373,462	453,936
July .....	202,453	209,352	257,964	360,587	524,714
August .....	206,370	192,290	223,832	272,782	
September .....	174,137	161,634	211,818	232,363	
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November .....	150,156	191,184	321,381	427,723	
December .....	187,241	176,655	358,707	407,638	

CONSUMPTION OF PRIMARY POWER  
(Production plus Imports less Exports and Secondary Power)

January .....	4,784,385	5,106,043	5,378,953	5,797,713	x 6,072,505
February .....	4,500,020	4,681,074	4,873,747	5,336,128	x 5,726,437
March .....	4,702,447	5,131,365	5,391,906	5,912,789	x 6,017,649
April .....	4,474,730	4,892,161	5,105,672	5,496,513	x 5,743,941
May .....	4,595,893	4,954,273	5,176,603	5,623,512	6,089,075
June .....	4,345,595	4,790,738	5,035,235	5,496,284	x 5,944,167
July .....	4,357,670	4,773,393	4,967,850	5,425,244	6,149,621
August .....	4,456,660	4,781,887	5,058,630	5,709,507	
September .....	4,570,727	4,856,892	5,110,850	5,705,751	
October .....	4,927,204	5,182,932	5,440,515	5,953,723	
November .....	4,804,931	5,140,372	5,504,247	6,130,235	
December .....	5,048,084	5,398,403	5,798,928	6,318,203	

x Revised

## DOMINION BUREAU OF STATISTICS

OTTAWA - CANADA

Published by Authority of the Rt. Hon. C. D. Howe, Minister of Trade and Commerce



## Memorandum

Vol. 24, No. 8

Electric power statistics  
August, 1956

## CENTRAL ELECTRIC STATIONS

Month	Total Production			Consumption of Primary Power		
	1954	1955	1956	1954	1955	1956
Daily Averages (Thousands of Kilowatt Hours)						
January ....	181,724	211,188	x 209,894	173,515	187,023	x 195,873
February ...	184,015	213,313	x 213,082	174,062	190,576	x 197,463
March .....	185,991	214,032	x 209,241	173,932	190,735	x 194,118
April .....	188,424	212,096	x 211,590	170,189	183,217	x 191,465
May .....	191,243	214,206	222,439	166,987	181,404	196,422
June .....	189,162	203,009	x 224,096	167,841	183,209	x 198,139
July .....	176,719	190,430	215,249	160,253	175,008	x 191,419
August .....	175,715	195,230	221,095	163,182	184,178	198,358
September ..	183,660	200,083		170,362	190,192	
October ....	197,783	207,436		175,500	192,056	
November ...	206,871	225,333		183,475	204,341	
December ...	211,490	222,581		187,062	203,813	
INDEX NUMBERS - Seasonally Adjusted (Average 1935 - 1939 = 100)						
January ....	249.4	289.9	x 288.1	348.3	375.4	x 393.2
February ...	247.6	287.0	286.7	348.9	382.0	x 395.8
March .....	253.7	291.9	285.4	354.5	388.8	395.7
April .....	264.6	297.9	297.2	352.7	379.7	x 396.8
May .....	272.9	305.7	317.4	349.8	380.0	411.4
June .....	273.4	293.4	x 323.9	351.0	383.1	x 414.3
July .....	269.3	290.2	328.0	347.2	379.2	x 414.7
August .....	260.1	289.0	327.3	346.0	390.5	420.5
September ..	261.8	285.2		347.6	388.0	
October ....	268.3	281.4		345.1	377.7	
November ...	267.9	291.8		354.9	395.2	
December ...	282.7	297.5		371.8	405.1	

x Revised.

8504-509-86

Prepared in the Transportation &amp; Public Utilities Section.

## CENTRAL ELECTRIC STATIONS

Month of August, 1956

(Thousand Kilowatt Hours)

		CANADA		NEWFOUNDLAND	
		1956	1955	1956	1955
A.	Production - Hydraulic .....	6,538,129	5,772,945	88,195	71,695
B.	Thermal .....	315,828	279,197	160	118
C.	Total .....	6,853,957	6,052,142	88,355	71,813
D.	Primary .....	6,249,159	5,820,352	76,863	71,813
E.	Secondary .....	604,798	231,790	11,492	-
F.	Receipts - from other Provinces .....	-	-	-	-
G.	Deliveries - to other Provinces .....	-	-	-	-
H.	Imports - from U.S.A. Total .....	20,485	25,023	-	-
I.	Primary .....	20,485	25,023	-	-
J.	Secondary .....	-	-	-	-
K.	Exports - to U.S.A. Total .....	506,396	272,782	-	-
L.	Primary .....	120,532	135,868	-	-
M.	Secondary .....	385,864	136,914	-	-
N.	Consumption (C+F+H-G-K) Total .....	6,368,046	5,804,383	88,355	71,813
O.	Primary .....	6,149,112	5,709,507	76,863	71,813
P.	Secondary .....	218,934	94,876	11,492	-
Cumulative Totals - January - August					
C.	Production - Total .....	52,665,416	50,203,606	687,909	330,789
D.	Primary .....	48,443,082	45,788,074	602,789	330,789
E.	Secondary .....	4,222,334	4,415,532	85,120	-
F.	Receipts - from other Provinces .....	-	-	-	-
G.	Deliveries - to other Provinces .....	-	-	-	-
H.	Imports - from U.S.A. Total .....	141,891	58,342	-	-
I.	Primary .....	141,891	58,342	-	-
J.	Secondary .....	-	-	-	-
K.	Exports - to U.S.A. Total .....	3,108,329	3,056,490	-	-
L.	Primary .....	908,097	1,048,726	-	-
M.	Secondary .....	2,200,232	2,007,764	-	-
N.	Consumption (C+F+H-G-K) Total .....	49,698,978	47,205,458	687,909	330,789
O.	Primary .....	47,676,876	44,797,690	602,789	330,789
P.	Secondary .....	2,022,102	2,407,768	85,120	-
		Ontario		Manitoba	
A.	Production - Hydraulic .....	2,274,426	1,861,889	241,111	233,211
B.	Thermal .....	49,655	44,967	-	-
C.	Total .....	2,324,081	1,906,856	241,111	233,211
D.	Primary .....	1,931,221	1,772,336	218,467	203,900
E.	Secondary .....	392,860	134,520	22,644	29,311
F.	Receipts - from other Provinces .....	397,927	343,546	45,283	46,017
G.	Deliveries - to other Provinces .....	892	873	7,550	12,595
H.	Imports - from U.S.A. Total .....	6,609	24,833	-	-
I.	Primary .....	6,609	24,833	-	-
J.	Secondary .....	-	-	-	-
K.	Exports - to U.S.A. Total .....	444,242	197,060	1	-
L.	Primary .....	63,884	63,299	1	-
M.	Secondary .....	380,358	133,761	-	-
N.	Consumption (C+F+H-G-K) Total .....	2,283,483	2,077,302	278,843	266,633
O.	Primary .....	2,270,981	2,076,543	256,199	237,322
P.	Secondary .....	12,502	759	22,644	29,311
Cumulative Totals - January - August					
C.	Production - Total .....	18,402,348	16,535,173	2,184,675	2,000,987
D.	Primary .....	16,127,595	14,232,051	1,838,334	1,703,088
E.	Secondary .....	2,274,753	2,303,122	346,341	297,899
F.	Receipts - from other Provinces .....	2,952,544	2,989,311	367,191	381,300
G.	Deliveries - to other Provinces .....	10,113	6,901	98,679	97,495
H.	Imports - from U.S.A. Total .....	98,993	56,507	-	-
I.	Primary .....	98,993	56,507	-	-
J.	Secondary .....	-	-	-	-
K.	Exports - to U.S.A. Total .....	2,628,737	2,454,826	4	3
L.	Primary .....	460,314	472,324	4	3
M.	Secondary .....	2,168,423	1,982,502	-	-
N.	Consumption (C+F+H-G-K) Total .....	18,815,035	17,119,264	2,453,183	2,284,789
O.	Primary .....	18,708,705	16,798,644	2,106,842	1,986,890
P.	Secondary .....	106,330	320,620	346,341	297,899



## CENTRAL ELECTRIC STATIONS

Month of August, 1956

(000 Kw. Hrs.)

PRINCE EDWARD ISLAND		NOVA SCOTIA		NEW BRUNSWICK		QUEBEC		
195 6	1955	195 6	195 5	195 6	1955	1956	1955	
-	-	36,832	36,051	39,104	41,873	3,231,782	2,918,102	A.
5,550	3,537	67,358	59,878	37,127	31,037	155	2,472	B.
5,550	3,537	104,190	95,929	76,231	72,910	3,231,937	2,920,574	C.
5,550	3,537	104,190	95,929	76,231	72,910	3,054,456	2,853,477	D.
-	-	-	-	-	-	177,481	67,097	E.
-	-	-	-	1,037	671	892	873	F.
-	-	-	-	-	-	391,414	331,622	G.
-	-	-	-	-	-	20	63	H.
-	-	-	-	-	-	20	63	I.
-	-	-	-	-	-	-	-	J.
-	-	-	-	450	787	61,174	58,895	K.
-	-	-	-	450	787	55,668	55,742	L.
-	-	-	-	-	-	5,506	3,153	M.
5,550	3,537	104,190	95,929	76,818	72,794	2,780,261	2,530,993	N.
5,550	3,537	104,190	95,929	76,818	72,794	2,608,286	2,467,049	O.
-	-	-	-	-	-	171,975	63,944	P.
Cumulative Totals - January - August								
32,618	29,087	847,751	772,507	570,894	589,750	23,445,548	23,936,788	C.
32,618	29,087	847,751	772,507	567,781	581,304	21,936,439	22,136,769	D.
-	-	-	-	3,113	8,446	1,509,109	1,800,019	E.
-	-	4	-	8,826	6,981	10,113	6,901	F.
-	-	-	-	4	-	2,862,691	2,898,797	G.
-	-	-	-	345	-	191	547	H.
-	-	-	-	345	-	191	547	I.
-	-	-	-	-	-	-	-	J.
-	-	-	-	17,838	32,213	452,848	437,831	K.
-	-	-	-	14,725	23,767	424,152	421,015	L.
-	-	-	-	3,113	8,446	28,696	16,816	M.
32,618	29,087	847,755	772,507	562,223	564,518	20,140,313	20,607,608	N.
32,618	29,087	847,755	772,507	562,223	564,518	18,659,900	18,824,405	O.
-	-	-	-	-	-	1,480,413	1,783,203	P.
Saskatchewan		Alberta		British Columbia		Yukon-N.W.T.		
45,283	46,017	89,631	71,663	484,860	485,234	6,905	7,210	A.
77,993	69,712	69,672	60,517	8,069	6,891	89	68	B.
123,276	115,729	159,303	132,180	492,929	492,125	6,994	7,278	C.
123,276	115,729	159,303	132,180	492,929	492,125	6,673	6,416	D.
-	-	-	-	-	-	321	862	E.
-	-	759	4,302	-	-	-	-	F.
45,283	46,017	-	-	759	4,302	-	-	G.
-	-	-	-	13,856	127	-	-	H.
-	-	-	-	13,856	127	-	-	I.
-	-	-	-	-	-	-	-	J.
-	-	-	-	529	16,040	-	-	K.
-	-	-	-	529	16,040	-	-	L.
-	-	-	-	-	-	-	-	M.
77,993	69,712	160,062	136,482	505,497	471,910	6,994	7,278	N.
77,993	69,712	160,062	136,482	505,497	471,910	6,673	6,416	O.
-	-	-	-	-	-	321	862	P.
Cumulative Totals - January - August								
998,155	924,630	1,283,798	1,075,167	4,152,152	3,950,232	59,568	58,496	C.
998,155	924,630	1,283,798	1,075,167	4,152,152	3,950,025	55,670	52,657	D.
-	-	-	-	-	207	3,898	5,839	E.
-	-	16,907	11,518	-	-	-	-	F.
367,191	381,300	-	-	16,907	11,518	-	-	G.
-	-	-	-	42,362	1,288	-	-	H.
-	-	-	-	42,362	1,288	-	-	I.
-	-	-	-	-	-	-	-	J.
-	-	-	-	8,902	131,617	-	-	K.
-	-	-	-	8,902	131,617	-	-	L.
-	-	-	-	-	-	-	-	M.
630,964	543,330	1,300,705	1,086,685	4,168,705	3,808,385	59,568	58,496	N.
630,964	543,330	1,300,705	1,086,685	4,168,705	3,808,178	55,670	52,657	O.
-	-	-	-	-	207	3,898	5,839	P.

CENTRAL ELECTRIC STATIONS  
(Thousands of Kilowatt Hours)

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September .....	4,993,148	5,088,698	5,509,800	6,002,497	
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May .....	4,595,893	4,954,273	5,176,603	5,623,512	6,089,075
June .....	4,345,595	4,790,738	5,035,235	5,496,284	x 5,944,167
July .....	4,357,670	4,773,393	4,967,850	5,425,244	x 5,933,990
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Published by Authority of the Rt. Hon. C. D. Howe, Minister of Trade and Commerce



Memorandum

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Electric power statistics

Vol. 24, No. 9

NOV 26 1956

September, 1956

Price: \$1.00 per year

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October ....	197,783	207,436		175,500	192,056	
November ...	206,871	225,333		183,475	204,341	
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February ...	247.6	287.0	287.7	348.9	382.0	x 395.8
March .....	253.7	291.9	285.4	354.5	388.8	395.7
April .....	264.6	297.9	297.2	352.7	379.7	x 396.8
May .....	272.9	305.7	317.4	349.8	380.0	411.4
June .....	273.4	293.4	x 323.9	351.0	383.1	x 414.3
July .....	269.3	290.2	328.0	347.2	379.2	x 414.7
August .....	260.1	289.0	327.3	346.0	390.5	420.5
September ..	261.8	285.2	327.3	347.6	388.0	412.9
October ....	268.3	281.4		345.1	377.7	
November ...	267.9	291.8		354.9	395.2	
December ...	282.7	297.5		371.8	405.1	

x Revised

8504-509-96

Prepared in the Transportation & Public Utilities Section.



## CENTRAL ELECTRIC STATIONS

Month of September, 1956

(Thousand Kilowatt Hours)

		CANADA		NEWFOUNDLAND	
		1956	1955	1956	1955
A.	Production — Hydraulic .....	6,535,900	5,639,271	84,782	77,007
B.	Thermal .....	351,126	363,226	433	125
C.	Total .....	6,887,026	6,002,497	85,215	77,132
D.	Primary .....	6,174,345	5,775,838	75,526	77,132
E.	Secondary .....	712,681	226,659	9,689	-
F.	Receipts — from other Provinces .....	-	-	-	-
G.	Deliveries — to other Provinces .....	-	-	-	-
H.	Imports — from U.S.A. Total .....	13,807	50,748	-	-
I.	Primary .....	13,807	50,748	-	-
J.	Secondary .....	-	-	-	-
K.	Exports — to U.S.A. Total .....	554,078	232,363	-	-
L.	Primary .....	116,826	120,835	-	-
M.	Secondary .....	437,252	111,528	-	-
N.	Consumption (C+F+H-G-K) Total .....	6,346,755	5,820,882	85,215	77,132
O.	Primary .....	6,071,326	5,705,751	75,526	77,132
P.	Secondary .....	275,429	115,131	9,689	-

## Cumulative Totals — January — September

C.	Production — Total .....	59,552,442	56,206,103	773,124	407,921
D.	Primary .....	54,617,427	51,563,912	678,315	407,921
E.	Secondary .....	4,935,015	4,642,191	94,809	-
F.	Receipts — from other Provinces .....	-	-	-	-
G.	Deliveries — to other Provinces .....	-	-	-	-
H.	Imports — from U.S.A. Total .....	155,698	109,090	-	-
I.	Primary .....	155,698	109,090	-	-
J.	Secondary .....	-	-	-	-
K.	Exports — to U.S.A. Total .....	3,662,407	3,288,853	-	-
L.	Primary .....	1,024,923	1,169,561	-	-
M.	Secondary .....	2,637,484	2,119,292	-	-
N.	Consumption (C+F+H-G-K) Total .....	56,045,733	53,026,340	773,124	407,921
O.	Primary .....	53,748,202	50,503,441	678,315	407,921
P.	Secondary .....	2,297,531	2,522,899	94,809	-

## ONTARIO

## MANITOBA

A.	Production — Hydraulic .....	2,310,313	1,767,659	261,886	246,536
B.	Thermal .....	77,308	121,725	-	-
C.	Total .....	2,387,621	1,889,384	261,886	246,536
D.	Primary .....	1,948,281	1,782,338	223,643	210,315
E.	Secondary .....	439,340	107,046	38,243	36,221
F.	Receipts — from other Provinces .....	388,577	346,987	43,978	45,215
G.	Deliveries — to other Provinces .....	961	808	6,805	11,952
H.	Imports — from U.S.A. Total .....	7,446	41,362	-	-
I.	Primary .....	7,446	41,362	-	-
J.	Secondary .....	-	-	-	-
K.	Exports — to U.S.A. Total .....	496,380	163,573	1	-
L.	Primary .....	62,841	56,527	1	-
M.	Secondary .....	433,539	107,046	-	-
N.	Consumption (C+F+H-G-K) Total .....	2,286,303	2,113,352	299,058	279,799
O.	Primary .....	2,280,502	2,113,352	260,815	243,578
P.	Secondary .....	5,801	-	38,243	36,221

## Cumulative Totals — January — September

C.	Production — Total .....	20,789,969	18,424,557	2,446,561	2,247,523
D.	Primary .....	18,075,876	16,014,389	2,061,977	1,913,403
E.	Secondary .....	2,714,093	2,410,168	384,584	334,120
F.	Receipts — from other Provinces .....	3,341,121	3,336,298	411,169	426,515
G.	Deliveries — to other Provinces .....	11,074	7,709	105,484	109,447
H.	Imports — from U.S.A. Total .....	106,439	97,869	-	-
I.	Primary .....	106,439	97,869	-	-
J.	Secondary .....	-	-	-	-
K.	Exports — to U.S.A. Total .....	3,125,117	2,618,399	5	3
L.	Primary .....	523,155	528,851	5	3
M.	Secondary .....	2,601,962	2,089,548	-	-
N.	Consumption (C+F+H-G-K) Total .....	21,101,338	19,232,616	2,752,241	2,564,588
O.	Primary .....	20,989,207	18,911,996	2,367,657	2,230,468
P.	Secondary .....	112,131	320,620	384,584	334,120

## CENTRAL ELECTRIC STATIONS

Month of September, 1956

(000 Kw. Hrs.)

PRINCE EDWARD ISLAND		NOVA SCOTIA		NEW BRUNSWICK		QUEBEC		
195 6	195 5	195 6	195 5	195 6	195 5	195 6	195 5	
-	-	34,978	34,077	32,061	33,340	3,180,177	2,884,904	A.
4,500	3,905	69,329	63,245	37,808	31,511	59	1,756	B.
4,500	3,905	104,307	97,322	69,869	64,851	3,180,236	2,886,660	C.
4,500	3,905	104,307	97,322	69,869	64,851	2,954,938	2,804,531	D.
-	-	-	-	-	-	225,298	82,129	E.
-	-	-	-	1,008	689	961	808	F.
-	-	-	-	-	-	382,780	335,724	G.
-	-	-	-	-	-	21	51	H.
-	-	-	-	-	-	21	51	I.
-	-	-	-	-	-	-	-	J.
-	-	-	-	588	534	56,477	58,804	K.
-	-	-	-	588	534	52,764	54,322	L.
-	-	-	-	-	-	3,713	4,482	M.
4,500	3,905	104,307	97,322	70,289	65,006	2,741,961	2,492,991	N.
4,500	3,905	104,307	97,322	70,289	65,006	2,520,376	2,415,344	O.
-	-	-	-	-	-	221,585	77,647	P.
Cumulative Totals - January - September								
37,118	32,992	952,058	869,829	640,763	654,601	26,625,784	26,823,448	C.
37,118	32,992	952,058	869,829	637,650	646,155	24,891,377	24,941,300	D.
-	-	-	-	3,113	8,446	1,734,407	1,882,148	E.
-	-	4	-	9,834	7,670	11,074	7,709	F.
-	-	-	-	4	-	3,245,471	3,234,521	G.
-	-	-	-	345	-	212	598	H.
-	-	-	-	345	-	212	598	I.
-	-	-	-	-	-	-	-	J.
-	-	-	-	18,426	32,747	509,325	496,635	K.
-	-	-	-	15,313	24,301	476,916	475,337	L.
-	-	-	-	3,113	8,446	32,409	21,298	M.
37,118	32,992	952,062	869,829	632,512	629,524	22,882,274	23,100,599	N.
37,118	32,992	952,062	869,829	632,512	629,524	11,180,276	21,239,749	O.
-	-	-	-	-	-	1,701,998	1,866,850	P.
SASKATCHEWAN		ALBERTA		BRITISH COLUMBIA		YUKON-N.W.T.		
43,978	45,215	85,851	71,346	495,346	471,594	6,528	7,593	A.
78,364	70,176	72,989	63,712	10,240	6,997	96	74	B.
122,342	115,391	158,840	135,058	505,586	478,591	6,624	7,667	C.
122,342	115,391	158,840	135,058	505,586	478,591	6,513	6,404	D.
-	-	-	-	-	-	111	1,263	E.
-	-	827	4,877	-	-	-	-	F.
43,978	45,215	-	-	827	4,877	-	-	G.
-	-	-	-	6,340	9,335	-	-	H.
-	-	-	-	6,340	9,335	-	-	I.
-	-	-	-	-	-	-	-	J.
-	-	-	-	632	9,452	-	-	K.
-	-	-	-	632	9,452	-	-	L.
-	-	-	-	-	-	-	-	M.
78,364	70,176	159,667	139,935	510,467	473,597	6,624	7,667	N.
78,364	70,176	159,667	139,935	510,467	473,597	6,513	6,404	O.
-	-	-	-	-	-	111	1,263	P.
Cumulative Totals - January - September								
1,120,497	1,040,021	1,442,638	1,210,225	4,657,738	4,428,823	66,192	66,163	C.
1,120,497	1,040,021	1,442,638	1,210,225	4,657,738	4,428,616	62,183	59,061	D.
-	-	-	-	-	207	4,009	7,102	E.
-	-	17,734	16,395	-	-	-	-	F.
411,169	426,515	-	-	17,734	16,395	-	-	G.
-	-	-	-	48,702	10,623	-	-	H.
-	-	-	-	48,702	10,623	-	-	I.
-	-	-	-	-	-	-	-	J.
-	-	-	-	9,534	141,069	-	-	K.
-	-	-	-	9,534	141,069	-	-	L.
-	-	-	-	-	-	-	-	M.
709,328	613,506	1,460,372	1,226,620	4,679,172	4,281,982	66,192	66,163	N.
709,328	613,506	1,460,372	1,226,620	4,679,172	4,281,775	62,183	59,061	O.
-	-	-	-	-	207	4,009	7,102	P.

CENTRAL ELECTRIC STATIONS  
(Thousands of Kilowatt Hours)

PRODUCTION

Month	1952	1953	1954	1955	1956
January .....	5,268,718	5,656,537	5,633,449	6,546,830	x 6,506,705
February .....	4,969,944	5,255,048	5,152,431	5,972,753	x 6,179,392
March .....	5,217,771	5,779,752	5,765,717	6,634,995	x 6,486,472
April .....	5,030,255	5,741,187	5,652,708	6,362,892	x 6,347,687
May .....	5,334,918	5,757,213	5,928,546	6,640,382	6,895,602
June .....	4,986,300	5,264,516	5,674,863	6,090,280	x 6,722,891
July .....	4,841,336	5,180,727	5,478,282	5,903,332	6,672,710
August .....	4,968,011	5,089,323	5,447,179	6,052,142	6,853,957
September .....	4,993,148	5,088,698	5,509,800	6,002,497	6,887,026
October .....	5,418,718	5,509,919	6,131,271	6,430,524	
November .....	5,221,355	5,447,837	6,206,137	6,759,979	
December .....	5,535,561	5,718,496	6,556,201	6,900,024	

IMPORTS FROM THE UNITED STATES

January .....	88	574	33,942	3,466	39,581
February .....	4,873	425	21,938	4,290	27,861
March .....	3,328	940	6,447	5,122	36,051
April .....	5,164	500	23,566	1,060	11,636
May .....	329	264	7,831	1,185	2,313
June .....	140	282	5,330	5,523	2,339
July .....	137	326	1,377	12,673	1,625
August .....	2,762	416	2,680	25,023	20,485
September .....	833	65,416	3,060	50,748	13,807
October .....	50	30,584	3,149	28,322	
November .....	165	46,478	4,198	3,402	
December .....	442	32,594	4,117	15,687	

EXPORTS TO THE UNITED STATES

January .....	210,135	215,202	137,781	375,907	266,548
February .....	210,454	196,975	130,283	330,580	262,880
March .....	240,115	218,409	148,023	381,622	275,967
April .....	236,150	235,302	164,845	435,642	356,551
May .....	268,639	236,046	213,670	525,908	461,337
June .....	233,819	200,262	213,895	373,462	453,936
July .....	202,453	209,352	257,964	360,587	524,714
August .....	206,370	192,290	223,832	272,782	506,396
September .....	174,137	161,634	211,818	232,363	554,078
October .....	173,364	190,719	336,109	309,246	
November .....	150,156	191,184	321,381	427,723	
December .....	187,241	176,655	358,707	407,638	

CONSUMPTION OF PRIMARY POWER  
(Production plus Imports less Exports and Secondary Power)

January .....	4,784,385	5,106,043	5,378,953	5,797,713	x 6,072,505
February .....	4,500,020	4,681,074	4,873,747	5,336,128	x 5,726,437
March .....	4,702,447	5,131,365	5,391,906	5,912,789	x 6,017,649
April .....	4,474,730	4,892,161	5,105,672	5,496,513	x 5,743,941
May .....	4,595,893	4,954,273	5,176,603	5,623,512	6,089,075
June .....	4,345,595	4,790,738	5,035,235	5,496,284	x 5,944,167
July .....	4,357,670	4,773,393	4,967,850	5,425,244	x 5,933,990
August .....	4,456,660	4,781,887	5,058,630	5,709,507	6,149,112
September .....	4,570,727	4,856,892	5,110,850	5,705,751	6,071,326
October .....	4,927,204	5,182,932	5,440,515	5,953,723	
November .....	4,804,931	5,140,372	5,504,247	6,130,235	
December .....	5,048,084	5,398,403	5,798,928	6,318,203	



# DOMINION BUREAU OF STATISTICS

OTTAWA - CANADA

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Memorandum

Vol. 24, No. 10

October, 1956

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## CENTRAL ELECTRIC STATIONS

Month	Total Production			Consumption of Primary Power		
	1954	1955	1956	1954	1955	1956
Daily Averages (Thousands of Kilowatt Hours)						
January ....	181,724	211,188	x 209,894	173,515	187,023	x 195,873
February ...	184,015	213,313	x 213,082	174,062	190,576	x 197,463
March .....	185,991	214,032	x 209,241	173,932	190,735	x 194,118
April .....	188,424	212,096	x 211,590	170,189	183,217	x 191,465
May .....	191,243	214,206	222,439	166,987	181,404	196,422
June .....	189,162	203,009	x 224,096	167,841	183,209	x 198,139
July .....	176,719	190,430	215,249	160,253	175,008	x 191,419
August .....	175,715	195,230	221,095	163,182	184,178	198,358
September ..	183,660	200,083	229,568	170,362	190,192	202,378
October ....	197,783	207,436	243,009	175,500	192,056	214,742
November ...	206,871	225,333		183,475	204,341	
December ...	211,490	222,581		187,062	203,813	
INDEX NUMBERS - Seasonally Adjusted (Average 1935 - 1939 = 100)						
January ....	249.4	289.9	x 288.1	348.3	375.4	x 393.2
February ...	247.6	287.0	287.7	348.9	382.0	x 395.8
March .....	253.7	291.9	285.4	354.5	388.8	395.7
April .....	264.6	297.9	297.2	352.7	379.7	x 396.8
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October ....	268.3	281.4	329.6	345.1	377.7	422.3
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December ...	282.7	297.5		371.8	405.1	

\* Revised

8504-509 - 106

Prepared in the Transportation & Public Utilities Section.

# CENTRAL ELECTRIC STATIONS

(Thousand Kilowatt Hours)

Month of October, 1956

		CANADA		NEWFOUNDLAND	
		1956	1955	1956	1955
A.	Production - Hydraulic .....	7,101,949	6,065,937	82,715	85,098
B.	Thermal .....	431,330	364,587	232	145
C.	Total .....	7,533,279	6,430,524	82,947	85,243
D.	Primary .....	6,771,291	6,043,784	81,612	85,243
E.	Secondary .....	761,988	386,740	1,335	-
F.	Receipts - from other Provinces .....	-	-	-	-
G.	Deliveries - to other Provinces .....	-	-	-	-
H.	Imports - from U.S.A. Total .....	13,508	28,322	-	-
I.	Primary .....	13,508	28,322	-	-
J.	Secondary .....	-	-	-	-
K.	Exports - to U.S.A. Total .....	578,312	309,246	-	-
L.	Primary .....	127,801	118,383	-	-
M.	Secondary .....	450,511	190,863	-	-
N.	Consumption (C+F+H-G-K) Total .....	6,968,475	6,149,600	82,947	85,243
O.	Primary .....	6,656,998	5,953,723	81,612	85,243
P.	Secondary .....	311,477	195,877	1,335	-

Cumulative Totals - January - October

C.	Production - Total .....	67,085,721	62,636,627	856,071	493,164
D.	Primary .....	61,388,718	57,607,696	759,927	-
E.	Secondary .....	5,697,003	5,028,931	96,144	-
F.	Receipts - from other Provinces .....	-	-	-	-
G.	Deliveries - to other Provinces .....	-	-	-	-
H.	Imports - from U.S.A. Total .....	169,206	137,412	-	-
I.	Primary .....	169,206	137,412	-	-
J.	Secondary .....	-	-	-	-
K.	Exports - to U.S.A. Total .....	4,240,719	3,598,099	-	-
L.	Primary .....	1,152,724	1,287,944	-	-
M.	Secondary .....	3,087,995	2,310,155	-	-
N.	Consumption (C+F+H-G-K) Total .....	63,014,208	59,175,940	856,071	493,164
O.	Primary .....	60,405,200	56,457,164	759,927	493,164
P.	Secondary .....	2,609,008	2,718,776	96,144	-

ONTARIO

MANITOBA

A.	Production - Hydraulic .....	2,436,390	2,037,557	285,782	258,930
B.	Thermal .....	117,825	86,673	119	168
C.	Total .....	2,554,215	2,124,230	285,901	259,098
D.	Primary .....	2,102,118	1,936,743	244,177	225,564
E.	Secondary .....	452,097	187,487	41,724	33,534
F.	Receipts - from other Provinces .....	402,425	362,474	47,110	47,722
G.	Deliveries - to other Provinces .....	1,076	874	8,165	12,322
H.	Imports - from U.S.A. Total .....	12,796	24,105	-	-
I.	Primary .....	12,796	24,105	-	-
J.	Secondary .....	-	-	-	-
K.	Exports - to U.S.A. Total .....	510,290	244,906	1	1
L.	Primary .....	63,203	57,958	1	1
M.	Secondary .....	447,087	186,948	-	-
N.	Consumption (C+F+H-G-K) Total .....	2,458,070	2,265,029	324,845	294,497
O.	Primary .....	2,453,060	2,264,490	283,121	260,963
P.	Secondary .....	5,010	539	41,724	33,534

Cumulative Totals - January - October

C.	Production - Total .....	23,344,184	20,548,787	2,732,462	2,506,621
D.	Primary .....	20,177,994	17,951,132	2,306,154	2,138,967
E.	Secondary .....	3,166,190	2,597,655	426,308	367,654
F.	Receipts - from other Provinces .....	3,743,546	3,698,772	458,279	474,237
G.	Deliveries - to other Provinces .....	12,150	8,583	113,649	121,769
H.	Imports - from U.S.A. Total .....	119,235	121,974	-	-
I.	Primary .....	119,235	121,974	-	-
J.	Secondary .....	-	-	-	-
K.	Exports - to U.S.A. Total .....	3,635,407	2,863,305	6	4
L.	Primary .....	586,358	586,809	6	4
M.	Secondary .....	3,049,049	2,276,496	-	-
N.	Consumption (C+F+H-G-K) Total .....	23,559,408	21,497,645	3,077,086	2,859,085
O.	Primary .....	23,442,267	21,176,486	2,650,778	2,491,431
P.	Secondary .....	117,141	321,159	426,308	367,654

# CENTRAL ELECTRIC STATIONS

Month of October, 1956

(000 Kw. Hrs.)

PRINCE EDWARD ISLAND		NOVA SCOTIA		NEW BRUNSWICK		QUEBEC		
1956	1955	1956	1955	1956	1955	1956	1955	
-	-	36,882	33,815	39,689	33,961	3,517,241	3,004,946	A.
4,832	4,140	78,573	72,206	41,562	33,166	228	2,153	B.
4,832	4,140	115,455	106,021	81,251	67,127	3,517,469	3,007,099	C.
4,832	4,140	115,455	106,021	81,251	67,127	3,250,809	2,842,796	D.
-	-	-	-	-	-	266,660	164,303	E.
-	-	-	-	1,202	844	968	874	F.
-	-	-	-	-	-	395,462	350,996	G.
-	-	-	-	-	-	31	47	H.
-	-	-	-	-	-	31	47	I.
-	-	-	-	-	-	-	-	J.
-	-	-	-	1,975	137	57,228	59,957	K.
-	-	-	-	1,975	137	53,804	56,042	L.
-	-	-	-	-	-	3,424	3,915	M.
4,832	4,140	115,455	106,021	80,478	67,834	3,065,778	2,597,067	N.
4,832	4,140	115,455	106,021	80,478	67,834	2,802,542	2,436,679	O.
-	-	-	-	-	-	263,236	160,388	P.
Cumulative Totals - January - October								
41,950	37,132	1,067,513	975,850	722,014	721,728	30,143,253	29,830,547	C.
41,950	37,132	1,067,513	975,850	718,901	713,282	28,142,186	27,784,096	D.
-	-	-	-	3,113	8,446	2,001,067	2,046,451	E.
-	-	4	-	11,036	8,514	12,042	8,583	F.
-	-	-	-	4	-	3,640,933	3,585,517	G.
-	-	-	-	345	-	243	645	H.
-	-	-	-	345	-	243	645	I.
-	-	-	-	-	-	-	-	J.
-	-	-	-	20,401	32,864	566,553	556,592	K.
-	-	-	-	17,288	24,438	530,720	531,379	L.
-	-	-	-	3,113	8,446	35,833	25,213	M.
41,950	37,132	1,067,517	975,850	712,990	697,358	25,948,052	25,697,666	N.
41,950	37,132	1,067,517	975,850	712,990	697,358	23,982,818	23,676,428	O.
-	-	-	-	-	-	1,965,234	2,021,238	P.
SASKATCHEWAN		ALBERTA		BRITISH COLUMBIA		YUKON - N.W.T.		
47,002	47,722	81,609	61,527	567,487	494,240	7,152	8,141	A.
86,383	73,991	90,227	84,021	11,243	7,841	106	83	B.
133,385	121,713	171,836	145,548	578,730	502,081	7,258	8,224	C.
133,385	121,713	171,836	145,548	578,730	502,081	7,086	6,808	D.
-	-	-	-	-	-	172	1,416	E.
-	-	4,554	5,909	-	-	-	-	F.
47,002	47,722	-	-	4,554	5,909	-	-	G.
-	-	-	-	681	4,170	-	-	H.
-	-	-	-	681	4,170	-	-	I.
-	-	-	-	-	-	-	-	J.
-	-	-	-	8,818	4,245	-	-	K.
-	-	-	-	8,818	4,245	-	-	L.
-	-	-	-	-	-	-	-	M.
86,383	73,991	176,390	151,457	566,039	496,097	7,258	8,224	N.
86,383	73,991	176,390	151,457	566,039	496,097	7,086	6,808	O.
-	-	-	-	-	-	172	1,416	P.
Cumulative Totals - January - October								
1,253,882	1,161,734	1,614,474	1,355,773	5,236,468	4,930,904	73,450	74,387	C.
1,253,882	1,161,734	1,614,474	1,355,773	5,236,468	4,930,697	69,271	65,869	D.
-	-	-	-	-	207	4,181	8,518	E.
-	-	22,288	22,304	-	-	-	-	F.
458,171	474,237	-	-	22,288	22,304	-	-	G.
-	-	-	-	49,383	14,793	-	-	H.
-	-	-	-	49,383	14,793	-	-	I.
-	-	-	-	-	-	-	-	J.
-	-	-	-	18,352	145,314	-	-	K.
-	-	-	-	18,352	145,314	-	-	L.
-	-	-	-	-	-	-	-	M.
795,711	687,497	1,636,762	1,378,077	5,245,211	4,778,079	73,450	74,387	N.
795,711	687,497	1,636,762	1,378,077	5,245,211	4,777,872	69,271	65,869	O.
-	-	-	-	-	207	4,181	8,518	P.



CENTRAL ELECTRIC STATIONS  
(Thousands of Kilowatt Hours)  
PRODUCTION

Month	1952	1953	1954	1955	1956
January .....	5,268,718	5,656,537	5,633,449	6,546,830	x 6,506,705
February .....	4,969,944	5,255,048	5,152,431	5,972,753	x 6,179,392
March .....	5,217,771	5,779,752	5,765,717	6,634,995	x 6,486,472
April .....	5,030,255	5,741,187	5,652,708	6,362,892	x 6,347,687
May .....	5,334,918	5,757,213	5,928,546	6,640,382	6,895,602
June .....	4,986,300	5,264,516	5,674,863	6,090,280	x 6,722,891
July .....	4,841,336	5,180,727	5,478,282	5,903,332	6,672,710
August .....	4,968,011	5,089,323	5,447,179	6,052,142	6,853,957
September .....	4,993,148	5,088,698	5,509,800	6,002,497	6,887,026
October .....	5,418,718	5,509,919	6,131,271	6,430,524	7,533,279
November .....	5,221,355	5,447,837	6,206,137	6,759,979	
December .....	5,535,561	5,718,496	6,556,201	6,900,024	

IMPORTS FROM THE UNITED STATES

January .....	88	574	33,942	3,466	39,581
February .....	4,873	425	21,938	4,290	27,861
March .....	3,328	940	6,447	5,122	36,051
April .....	5,164	500	23,566	1,060	11,636
May .....	329	264	7,831	1,185	2,313
June .....	140	282	5,330	5,523	2,339
July .....	137	326	1,377	12,673	1,625
August .....	2,762	416	2,680	25,023	20,485
September .....	833	65,416	3,060	50,748	13,807
October .....	50	30,584	3,149	28,322	13,508
November .....	165	46,478	4,198	3,402	
December .....	442	32,594	4,117	15,687	

EXPORTS TO THE UNITED STATES

January .....	210,135	215,202	137,781	375,907	266,548
February .....	210,454	196,975	130,283	330,580	262,880
March .....	240,115	218,409	148,023	381,622	275,967
April .....	236,150	235,302	164,845	435,642	356,551
May .....	268,639	236,046	213,670	525,908	461,337
June .....	233,819	200,262	213,895	373,462	453,936
July .....	202,453	209,352	257,964	360,587	524,714
August .....	206,370	192,290	223,832	272,782	506,396
September .....	174,137	161,634	211,818	232,363	554,078
October .....	173,364	190,719	336,109	309,246	578,312
November .....	150,156	191,184	321,381	427,723	
December .....	187,241	176,655	358,707	407,638	

CONSUMPTION OF PRIMARY POWER  
(Production plus Imports less Exports and Secondary Power)

January .....	4,784,385	5,106,043	5,378,953	5,797,713	x 6,072,505
February .....	4,500,020	4,681,074	4,873,747	5,336,128	x 5,726,437
March .....	4,702,447	5,131,365	5,391,906	5,912,789	x 6,017,649
April .....	4,474,730	4,892,161	5,105,672	5,496,513	x 5,743,941
May .....	4,595,893	4,954,273	5,176,603	5,623,512	6,089,075
June .....	4,345,595	4,790,738	5,035,235	5,496,284	x 5,944,167
July .....	4,357,670	4,773,393	4,967,850	5,425,244	x 5,933,990
August .....	4,456,660	4,781,887	5,058,630	5,709,507	6,149,112
September .....	4,570,727	4,856,892	5,110,850	5,705,751	6,071,326
October .....	4,927,204	5,182,932	5,440,515	5,953,723	6,656,998
November .....	4,804,931	5,140,372	5,504,247	6,130,235	
December .....	5,048,084	5,398,403	5,798,928	6,318,203	

# DOMINION BUREAU OF STATISTICS

OTTAWA - CANADA

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Memorandum

Vol. 24, No. 11

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## CENTRAL ELECTRIC STATIONS

Month	Total Production			Consumption of Primary Power		
	1954	1955	1956	1954	1955	1956
Daily Averages (Thousands of Kilowatt Hours)						
January ....	181,724	211,188	x 209,894	173,515	187,023	x 195,873
February ...	184,015	213,313	x 213,082	174,062	190,576	x 197,463
March .....	185,991	214,032	x 209,241	173,932	190,735	x 194,118
April .....	188,424	212,096	x 211,590	170,189	183,217	x 191,465
May .....	191,243	214,206	222,439	166,987	181,404	x 196,422
June .....	189,162	203,009	x 224,098	167,841	183,209	x 198,139
July .....	176,719	190,430	215,240	160,253	175,008	x 191,419
August .....	175,715	195,230	221,095	163,182	184,178	198,358
September ..	183,660	200,083	229,508	170,362	190,192	202,378
October ....	197,783	207,436	243,049	175,500	192,056	214,742
November ...	206,871	225,333	238,955	183,475	204,341	220,254
December ...	211,490	222,581		187,062	203,813	

### INDEX NUMBERS - Seasonally Adjusted (Average 1935 - 1939 = 100)

January ....	249.4	289.9	x 288.1	348.3	375.4	x 393.2
February ...	247.6	287.0	286.7	348.9	382.0	x 395.8
March .....	253.7	291.9	285.4	354.5	388.8	395.7
April .....	264.6	297.9	297.2	352.7	379.7	x 396.8
May .....	272.9	305.7	317.4	349.8	380.0	411.4
June .....	273.4	293.4	x 323.9	351.0	383.1	x 414.3
July .....	269.3	290.2	328.0	347.2	379.2	x 414.7
August .....	260.1	289.0	327.3	346.0	390.5	420.5
September ..	261.8	285.2	327.3	347.6	388.0	412.9
October ....	268.3	281.4	329.6	345.1	377.7	422.3
November ...	267.9	291.8	310.8	354.9	395.2	426.0
December ...	282.7	297.5		371.8	405.1	

Revised

# CENTRAL ELECTRIC STATIONS

(Thousand Kilowatt Hours)

Month of November, 1956

		CANADA		NEWFOUNDLAND	
		1956	1955	1956	1955
A.	Production — Hydraulic .....	6,705,757	6,434,578	78,626	84,608
B.	Thermal .....	493,000	325,401	290	155
C.	Total .....	7,198,757	6,759,979	78,916	84,763
D.	Primary .....	6,697,805	6,241,813	78,883	84,763
E.	Secondary .....	500,952	518,166	33	-
F.	Receipts — from other Provinces .....	-	-	-	-
G.	Deliveries — to other Provinces .....	-	-	-	-
H.	Imports — from U.S.A. Total .....	25,051	3,402	-	-
I.	Primary .....	25,051	3,402	-	-
J.	Secondary .....	-	-	-	-
K.	Exports — to U.S.A. Total .....	442,869	427,723	-	-
L.	Primary .....	115,236	114,980	-	-
M.	Secondary .....	327,633	312,743	-	-
N.	Consumption (C+F+H-G-K) Total .....	6,780,939	6,335,658	78,916	84,763
O.	Primary .....	6,607,620	6,130,235	78,883	84,763
P.	Secondary .....	173,319	205,423	33	-

## Cumulative Totals — January — November

C.	Production — Total .....	74,284,478	69,396,606	934,987	577,927
D.	Primary .....	68,086,523	63,849,509	838,810	577,927
E.	Secondary .....	6,197,955	5,547,097	96,177	-
F.	Receipts — from other Provinces .....	-	-	-	-
G.	Deliveries — to other Provinces .....	-	-	-	-
H.	Imports — from U.S.A. Total .....	194,257	140,814	-	-
I.	Primary .....	194,257	140,814	-	-
J.	Secondary .....	-	-	-	-
K.	Exports — to U.S.A. Total .....	4,683,588	4,025,822	-	-
L.	Primary .....	1,267,960	1,402,924	-	-
M.	Secondary .....	3,415,628	2,622,898	-	-
N.	Consumption (C+F+H-G-K) Total .....	69,795,147	65,511,598	934,987	577,927
O.	Primary .....	67,012,820	62,587,399	838,810	577,927
P.	Secondary .....	2,782,327	2,924,199	96,177	-

## ONTARIO

## MANITOBA

A.	Production — Hydraulic .....	2,290,701	2,312,676	290,957	281,919
B.	Thermal .....	148,049	28,967	-	44
C.	Total .....	2,438,750	2,341,643	290,957	281,963
D.	Primary .....	2,114,289	2,026,359	253,991	260,131
E.	Secondary .....	324,461	315,284	36,966	21,832
F.	Receipts — from other Provinces .....	439,874	385,936	48,343	47,873
G.	Deliveries — to other Provinces .....	1,402	906	9,872	11,701
H.	Imports — from U.S.A. Total .....	24,156	2,025	-	-
I.	Primary .....	24,156	2,025	-	-
J.	Secondary .....	-	-	-	-
K.	Exports — to U.S.A. Total .....	385,499	371,805	1	1
L.	Primary .....	61,676	61,212	1	1
M.	Secondary .....	323,823	310,593	-	-
N.	Consumption (C+F+H-G-K) Total .....	2,515,879	2,356,893	329,427	318,134
O.	Primary .....	2,515,241	2,352,202	292,461	296,302
P.	Secondary .....	638	4,691	36,966	21,832

## Cumulative Totals — January — November

C.	Production — Total .....	25,782,934	22,890,430	3,023,419	2,788,584
D.	Primary .....	22,292,283	19,977,491	2,560,145	2,399,098
E.	Secondary .....	3,490,651	2,912,939	463,274	389,486
F.	Receipts — from other Provinces .....	4,183,420	4,084,708	506,622	522,110
G.	Deliveries — to other Provinces .....	13,552	9,489	123,521	133,470
H.	Imports — from U.S.A. Total .....	143,391	123,999	-	-
I.	Primary .....	143,391	123,999	-	-
J.	Secondary .....	-	-	-	-
K.	Exports — to U.S.A. Total .....	4,020,906	3,235,110	7	5
L.	Primary .....	648,034	648,021	7	5
M.	Secondary .....	3,372,872	2,587,089	-	-
N.	Consumption (C+F+H-G-K) Total .....	26,075,287	23,854,538	3,406,513	3,177,219
O.	Primary .....	25,957,508	23,528,688	2,943,239	2,787,733
P.	Secondary .....	117,779	325,850	463,274	389,486



# CENTRAL ELECTRIC STATIONS

Month of November, 1956

(000 Kw. Hrs)

PRINCE EDWARD ISLAND		NOVA SCOTIA		NEW BRUNSWICK		QUEBEC		
1956	1955	1956	1955	1956	1955	1956	1955	
-	-	39,443	31,131	34,915	29,757	3,287,156	3,021,714	A
5,059	4,325	77,450	76,762	42,985	35,575	399	2,010	B
5,059	4,325	116,893	107,893	77,900	65,332	3,287,555	3,023,724	C
5,059	4,325	116,893	107,893	77,900	65,332	3,148,421	2,843,683	D
-	-	-	-	322	-	139,134	180,041	E
-	-	-	-	1,116	884	1,013	906	F
-	-	-	-	-	-	431,118	375,119	G
-	-	-	-	-	-	35	117	H
-	-	-	-	-	-	35	117	I
-	-	-	-	-	-	-	-	J
-	-	-	-	2,180	3	54,624	55,340	K
-	-	-	-	1,858	3	51,136	53,190	L
-	-	-	-	322	-	3,488	2,150	M
5,059	4,325	116,893	107,893	76,836	66,213	2,802,861	2,594,288	N
5,059	4,325	116,893	107,893	76,836	66,213	2,667,215	2,416,397	O
-	-	-	-	-	-	135,646	177,891	P
Cumulative Totals - January - November								
47,009	41,457	1,184,406	1,083,743	799,914	787,060	33,430,808	32,854,271	C
47,009	41,457	1,184,406	1,083,743	796,801	778,614	31,290,607	30,627,779	D
-	-	-	-	3,435	8,446	2,140,201	2,226,492	E
-	-	4	-	12,152	9,398	13,055	9,489	F
-	-	-	-	4	-	4,072,051	3,960,636	G
-	-	-	-	345	-	278	762	H
-	-	-	-	345	-	278	762	I
-	-	-	-	-	-	-	-	J
-	-	-	-	22,581	32,887	621,177	611,932	K
-	-	-	-	19,146	24,441	581,856	584,569	L
-	-	-	-	3,435	8,446	39,321	27,363	M
47,009	41,457	1,184,410	1,083,743	789,826	763,571	28,750,913	28,291,954	N
47,009	41,457	1,184,410	1,083,743	789,826	763,571	28,650,033	28,092,825	O
-	-	-	-	-	-	2,100,880	2,199,129	P
SASKATCHEWAN		ALBERTA		BRITISH COLUMBIA		YUKON-N.W.T.		
47,954	47,873	63,524	75,319	564,615	541,666	7,866	7,915	A.
91,034	76,738	115,205	90,251	12,391	10,477	138	97	B.
138,988	124,611	178,729	165,570	577,006	552,143	8,004	8,012	C.
138,988	124,611	178,729	165,570	577,006	552,143	7,646	7,003	D.
-	-	-	-	-	-	358	1,009	E.
-	-	3,678	5,559	-	-	-	-	F.
47,954	47,873	-	-	3,678	5,559	-	-	G.
-	-	-	-	860	1,260	-	-	H.
-	-	-	-	860	1,260	-	-	I.
-	-	-	-	-	-	-	-	J.
-	-	-	-	565	574	-	-	K.
-	-	-	-	565	574	-	-	L.
-	-	-	-	-	-	-	-	M.
91,034	76,738	182,407	171,129	573,623	547,270	8,004	8,012	N.
91,034	76,738	182,407	171,129	573,623	547,270	7,646	7,003	O.
-	-	-	-	-	-	358	1,009	P.
Cumulative Totals - January - November								
1,392,870	1,286,345	1,793,203	1,521,343	5,813,474	5,483,047	81,454	82,399	C.
1,392,870	1,286,345	1,793,203	1,521,343	5,813,474	5,482,840	76,915	72,872	D.
-	-	-	-	-	207	4,539	9,527	E.
-	-	25,966	27,863	-	-	-	-	F.
506,125	522,110	-	-	25,966	27,863	-	-	G.
-	-	-	-	50,243	16,053	-	-	H.
-	-	-	-	50,243	16,053	-	-	I.
-	-	-	-	-	-	-	-	J.
-	-	-	-	18,917	145,888	-	-	K.
-	-	-	-	18,917	145,888	-	-	L.
-	-	-	-	-	-	-	-	M.
886,745	764,235	1,819,169	1,549,206	5,818,834	5,325,349	81,454	82,399	N.
886,745	764,235	1,819,169	1,549,206	5,818,834	5,325,142	76,915	72,872	O.
-	-	-	-	-	207	4,539	9,527	P.

CENTRAL ELECTRIC STATIONS  
(Thousands of Kilowatt Hours)  
PRODUCTION

Month	1952	1953	1954	1955	1956
January .....	5,268,718	5,656,537	5,633,449	6,546,830	x 6,506,705
February .....	4,969,944	5,255,048	5,152,431	5,972,753	x 6,179,392
March .....	5,217,771	5,779,752	5,765,717	6,634,995	x 6,486,472
April .....	5,030,255	5,741,187	5,652,708	6,362,892	x 6,347,687
May .....	5,334,918	5,757,213	5,928,546	6,640,382	6,895,602
June .....	4,986,300	5,264,516	5,674,863	6,090,280	x 6,722,891
July .....	4,841,336	5,180,727	5,478,282	5,903,332	6,672,710
August .....	4,968,011	5,089,323	5,447,179	6,052,142	6,853,957
September .....	4,993,148	5,088,698	5,509,800	6,002,497	6,887,026
October .....	5,418,718	5,509,919	6,131,271	6,430,524	7,533,279
November .....	5,221,355	5,447,837	6,206,137	6,759,979	7,198,757
December .....	5,535,561	5,718,496	6,556,201	6,900,024	

IMPORTS FROM THE UNITED STATES

January .....	88	374	55,842	2,468	29,581
February .....	4,873	425	21,938	4,290	27,861
March .....	3,328	940	6,447	5,122	36,031
April .....	5,164	500	23,586	1,060	11,836
May .....	329	264	7,831	1,185	2,313
June .....	140	282	5,330	5,523	2,339
July .....	137	326	1,377	12,673	1,625
August .....	2,762	416	2,600	25,023	20,485
September .....	833	65,416	3,060	50,748	13,807
October .....	50	30,584	3,109	28,327	13,508
November .....	165	46,478	4,195	3,402	25,051
December .....	442	32,594	4,117	15,687	

EXPORTS TO THE UNITED STATES

January .....	210,135	215,202	137,781	375,907	266,548
February .....	210,454	196,975	130,283	330,580	262,880
March .....	240,115	218,409	148,023	381,622	275,967
April .....	236,150	235,302	164,845	435,642	356,551
May .....	268,639	236,046	213,670	525,908	461,337
June .....	233,819	200,262	213,895	373,462	453,936
July .....	202,453	209,352	257,964	360,587	524,714
August .....	206,370	192,290	223,832	272,782	506,396
September .....	174,137	161,634	211,818	232,363	554,078
October .....	173,364	190,719	336,109	309,246	578,312
November .....	150,156	191,184	321,381	427,723	511,122
December .....	187,241	176,655	358,707	407,638	

CONSUMPTION OF PRIMARY POWER  
(Production plus Imports less Exports and Secondary Power)

January .....	4,784,385	5,106,043	5,378,953	5,797,713	x 6,072,505
February .....	4,500,020	4,681,074	4,873,747	5,336,128	x 5,726,437
March .....	4,762,447	5,131,365	5,391,906	5,912,789	x 6,017,649
April .....	4,674,730	4,892,161	5,105,672	5,496,513	x 5,743,941
May .....	4,595,293	4,954,273	5,176,603	5,623,512	6,089,075
June .....	4,345,395	4,790,738	5,035,235	5,496,284	x 5,944,167
July .....	4,357,670	4,773,393	4,967,850	5,425,244	x 5,933,990
August .....	4,456,660	4,781,887	5,058,630	5,709,507	6,149,112
September .....	4,570,727	4,856,892	5,110,850	5,705,751	6,071,326
October .....	4,927,204	5,182,932	5,440,515	5,953,723	6,656,998
November .....	4,804,931	5,140,372	5,504,247	6,130,235	6,607,620
December .....	5,048,084	5,398,403	5,798,928	6,318,203	

# DOMINION BUREAU OF STATISTICS

OTTAWA - CANADA

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Memorandum

Vol. 24, No. 12

DECEMBER, 1956.

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FEB 25 1957

Electric power statistics

## CENTRAL ELECTRIC STATIONS

Month	Total Production			Consumption of Primary Power		
	1954	1955	1956	1954	1955	1956
Daily Averages (Thousands of Kilowatt Hours)						
January ....	181,724	211,188	x 209,894	173,515	187,023	x 195,873
February ...	184,015	213,313	x 213,082	174,062	190,576	x 197,463
March .....	185,991	214,032	x 209,241	173,932	190,735	x 194,118
April .....	188,424	212,096	x 211,590	170,189	183,217	x 191,465
May .....	191,243	214,206	222,439	166,987	181,404	196,422
June .....	189,162	203,009	x 224,096	167,841	183,209	x 198,139
July .....	176,719	190,430	215,249	160,253	175,008	x 191,419
August .....	175,715	195,230	221,095	163,182	184,178	198,358
September ..	183,660	200,083	229,568	170,362	190,192	202,378
October ....	197,783	207,436	243,009	175,500	192,056	214,742
November ...	206,871	225,333	239,959	183,475	204,341	x 220,243
December ...	211,490	222,581	238,846	187,062	203,813	220,565
INDEX NUMBERS - Seasonally Adjusted (Average 1935 - 1939 = 100)						
January ....	249.4	289.9	x 288.1	348.3	375.4	x 393.2
February ...	247.6	287.0	286.7	348.9	382.0	x 395.8
March .....	253.7	291.9	285.4	354.5	388.8	395.7
April .....	264.6	297.9	297.2	352.7	379.7	x 396.8
May .....	272.9	305.7	317.4	349.8	380.0	411.4
June .....	273.4	293.4	x 323.9	351.0	383.1	x 414.3
July .....	269.3	290.2	328.0	347.2	379.2	x 414.7
August .....	260.1	289.0	327.3	346.0	390.5	420.5
September ..	261.8	285.2	327.3	347.6	388.0	412.9
October ....	268.3	281.4	329.6	345.1	377.7	422.3
November ...	267.9	291.8	310.8	354.9	395.2	426.0
December ...	282.7	297.5	319.3	371.8	405.1	438.4

x Revised



## CENTRAL ELECTRIC STATIONS

(Thousand Kilowatt Hours)

Month of December, 1956

		CANADA		NEWFOUNDLAND	
		1956	1955	1956	1955
A.	Production — Hydraulic .....	6,881,084	6,505,279	81,152	83,636
B.	Thermal .....	523,145	394,745	262	173
C.	Total .....	7,404,229	6,900,024	81,414	83,809
D.	Primary .....	6,920,719	6,415,875	79,878	83,809
E.	Secondary .....	483,510	484,149	1,536	-
F.	Receipts — from other Provinces .....	-	-	-	-
G.	Deliveries — to other Provinces .....	-	-	-	-
H.	Imports — from U.S.A. Total .....	32,734	15,687	-	-
I.	Primary .....	32,734	15,687	-	-
J.	Secondary .....	-	-	-	-
K.	Exports — to U.S.A. Total .....	420,081	407,638	-	-
L.	Primary .....	115,934	113,359	-	-
M.	Secondary .....	304,147	294,279	-	-
N.	Consumption (C+F+H-G-K) Total .....	7,016,882	6,508,073	81,414	83,809
O.	Primary .....	6,837,519	6,318,203	79,878	83,809
P.	Secondary .....	179,363	189,870	1,536	-
Cumulative Totals — January — December					
C.	Production — Total .....	81,688,707	76,296,630	1,016,401	661,736
D.	Primary .....	75,006,920	70,265,384	918,688	661,736
E.	Secondary .....	6,681,787	6,031,246	97,713	-
F.	Receipts — from other Provinces .....	-	-	-	-
G.	Deliveries — to other Provinces .....	-	-	-	-
H.	Imports — from U.S.A. Total .....	226,991	156,501	-	-
I.	Primary .....	226,991	156,501	-	-
J.	Secondary .....	-	-	-	-
K.	Exports — to U.S.A. Total .....	5,103,669	4,433,460	-	-
L.	Primary .....	1,383,894	1,516,283	-	-
M.	Secondary .....	3,719,775	2,917,177	-	-
N.	Consumption (C+F+H-G-K) Total .....	76,812,029	72,019,671	1,016,401	661,736
O.	Primary .....	73,850,017	68,905,602	918,688	661,736
P.	Secondary .....	2,962,012	3,114,069	97,713	-
		ONTARIO		MANITOBA	
A.	Production — Hydraulic .....	1,111,540	1,161,891	100,086	312,415
B.	Thermal .....	142,723	77,826	69	-
C.	Total .....	2,465,163	2,445,717	308,155	312,415
D.	Primary .....	2,163,312	2,153,097	275,600	265,013
E.	Secondary .....	301,851	292,620	32,555	47,402
F.	Receipts — from other Provinces .....	445,996	357,300	49,373	47,291
G.	Deliveries — to other Provinces .....	1,121	1,081	8,504	11,979
H.	Imports — from U.S.A. Total .....	31,044	9,433	-	-
I.	Primary .....	31,044	9,433	-	-
J.	Secondary .....	-	-	-	-
K.	Exports — to U.S.A. Total .....	362,823	353,128	1	1
L.	Primary .....	62,893	62,352	1	1
M.	Secondary .....	299,930	290,776	-	-
N.	Consumption (C+F+H-G-K) Total .....	2,578,259	2,458,241	349,023	317,726
O.	Primary .....	2,576,338	2,456,397	316,468	300,324
P.	Secondary .....	1,921	1,844	32,555	17,402
Cumulative Totals — January — December					
A.	Production — Total .....	28,248,097	25,336,147	3,331,574	2,100,999
B.	Primary .....	24,455,595	22,130,588	2,835,745	2,060,111
C.	Secondary .....	3,792,502	3,205,559	495,829	436,888
D.	Receipts — from other Provinces .....	4,629,416	4,442,008	111,991	109,401
E.	Deliveries — to other Provinces .....	14,673	10,570	132,025	145,449
F.	Imports — from U.S.A. Total .....	174,435	133,432	-	-
G.	Primary .....	174,435	133,432	-	-
H.	Secondary .....	-	-	-	-
I.	Exports — to U.S.A. Total .....	4,383,729	3,588,238	8	6
J.	Primary .....	710,927	710,373	8	6
K.	Secondary .....	3,672,802	2,877,865	-	-
L.	Consumption (C+F+H-G-K) Total .....	28,653,546	26,112,000	3,755,536	2,127,770
M.	Primary .....	28,533,846	25,985,085	3,259,707	2,086,987
N.	Secondary .....	119,700	327,694	495,829	436,888

## CENTRAL ELECTRIC STATIONS

Month of December, 1956

(000 Kw. Hrs.)

PRINCE EDWARD ISLAND		NOVA SCOTIA		NEW BRUNSWICK		QUEBEC		
1956	1955	1956	1955	1956	1955	1956	1955	
-	-	52,679	33,051	35,673	16,814	3,370,659	2,989,142	A.
5,334	4,715	68,219	79,687	45,738	39,659	361	1,680	B.
5,334	4,715	120,898	112,738	81,411	56,473	3,371,020	2,990,822	C.
5,334	4,715	120,898	112,738	81,042	56,473	3,224,268	2,847,655	D.
-	-	-	-	369	-	146,752	143,167	E.
-	-	-	-	1,235	1,161	1,088	1,081	F.
-	-	-	-	-	-	438,727	346,482	G.
-	-	-	-	-	-	28	74	H.
-	-	-	-	-	-	28	74	I.
-	-	-	-	-	-	-	-	J.
-	-	-	-	2,433	2	54,070	53,587	K.
-	-	-	-	2,064	2	50,222	50,084	L.
-	-	-	-	369	-	3,848	3,503	M.
5,334	4,715	120,898	112,738	80,213	57,632	2,879,339	2,591,908	N.
5,334	4,715	120,898	112,738	80,213	57,632	2,736,435	2,452,244	O.
-	-	-	-	-	-	142,904	139,664	P.
Cumulative Totals - January - December								
52,343	46,172	1,305,304	1,196,481	881,325	843,533	36,801,828	35,845,093	C.
52,343	46,172	1,305,304	1,196,481	877,521	835,087	34,514,875	33,475,434	D.
-	-	-	-	3,804	8,446	2,286,953	2,369,659	E.
-	-	4	-	13,387	10,559	14,143	10,570	F.
-	-	-	-	4	-	4,510,778	4,307,118	G.
-	-	-	-	345	-	306	836	H.
-	-	-	-	345	-	306	836	I.
-	-	-	-	-	-	-	-	J.
-	-	-	-	25,014	32,889	675,247	665,519	K.
-	-	-	-	21,210	24,443	632,078	634,653	L.
-	-	-	-	3,804	8,446	43,169	30,866	M.
52,343	46,172	1,305,308	1,196,481	870,039	821,203	31,630,252	30,883,862	N.
52,343	46,172	1,305,308	1,196,481	870,039	821,203	29,386,468	28,545,069	O.
-	-	-	-	-	-	2,243,784	2,338,793	P.
SASKATCHEWAN		ALBERTA		BRITISH COLUMBIA		YUKON-N.W.T.		
49,340	47,291	60,233	92,081	592,378	554,406	8,444	8,552	A.
103,450	82,830	143,322	93,225	13,493	14,843	174	107	B.
152,790	130,121	203,555	185,306	605,871	569,249	8,618	8,659	C.
152,790	130,121	203,555	185,306	605,871	569,249	8,171	7,699	D.
-	-	-	-	-	-	447	960	E.
-	-	2,940	4,356	-	-	-	-	F.
49,340	47,291	-	-	2,940	4,356	-	-	G.
-	-	-	-	1,662	6,180	-	-	H.
-	-	-	-	1,662	6,180	-	-	I.
-	-	-	-	-	-	-	-	J.
-	-	-	-	754	920	-	-	K.
-	-	-	-	754	920	-	-	L.
-	-	-	-	-	-	-	-	M.
103,450	82,830	206,495	189,662	603,839	570,153	8,618	8,659	N.
103,450	82,830	206,495	189,662	603,839	570,153	8,171	7,699	O.
-	-	-	-	-	-	447	960	P.
Cumulative Totals - January - December								
1,545,660	1,416,466	1,996,758	1,706,649	6,419,345	6,052,296	90,072	91,058	C.
1,545,660	1,416,466	1,996,758	1,706,649	6,419,345	6,052,089	85,086	80,571	D.
-	-	-	-	-	207	4,986	10,487	E.
-	-	28,906	32,219	-	-	-	-	F.
555,465	569,401	-	-	28,906	32,219	-	-	G.
-	-	-	-	51,905	22,233	-	-	H.
-	-	-	-	51,905	22,233	-	-	I.
-	-	-	-	-	-	-	-	J.
-	-	-	-	19,671	146,808	-	-	K.
-	-	-	-	19,671	146,808	-	-	L.
-	-	-	-	-	-	-	-	M.
990,195	847,065	2,025,664	1,738,868	6,422,673	5,895,295	85,086	80,571	O.
990,195	847,065	2,025,664	1,738,868	-	207	4,986	10,487	P.

CENTRAL ELECTRIC STATIONS  
(Thousands of Kilowatt Hours)

PRODUCTION

Month	1952	1953	1954	1955	1956
January .....	5,268,718	5,656,537	5,633,449	6,546,830	x 6,506,705
February .....	4,969,944	5,255,048	5,152,431	5,972,753	x 6,179,392
March .....	5,217,771	5,779,752	5,765,717	6,634,995	x 6,486,472
April .....	5,030,255	5,741,187	5,652,708	6,362,892	x 6,347,687
May .....	5,334,918	5,757,213	5,928,546	6,640,382	6,895,602
June .....	4,986,300	5,264,516	5,674,863	6,090,280	x 6,722,891
July .....	4,841,336	5,180,727	5,478,282	5,903,332	6,672,710
August .....	4,968,011	5,089,323	5,447,179	6,052,142	6,853,957
September .....	4,993,148	5,088,698	5,509,800	6,002,497	6,887,026
October .....	5,418,718	5,509,919	6,131,271	6,430,524	7,533,279
November .....	5,221,355	5,447,837	6,206,137	6,759,979	7,198,757
December .....	5,535,561	5,718,496	6,556,201	6,900,024	7,404,229

IMPORTS FROM THE UNITED STATES

JANUARY .....	88	176	17,947	3,466	36,581
FEBRUARY .....	1,873	621	11,878	4,290	27,861
MARCH .....	3,337	900	6,647	5,122	36,051
APRIL .....	1,164	900	23,566	1,060	11,636
MAY .....	108	261	7,831	1,185	2,313
JUNE .....	140	207	5,350	5,523	2,339
JULY .....	177	326	1,377	12,573	1,625
AUGUST .....	7,708	416	2,680	25,023	20,485
SEPTEMBER .....	800	15,010	3,060	50,748	13,817
OCTOBER .....	50	10,984	3,149	28,347	11,508
NOVEMBER .....	165	42,478	5,398	3,462	25,051
DECEMBER .....	162	12,394	4,117	15,687	12,734

EXPORTS TO THE UNITED STATES

January .....	210,135	215,202	137,781	375,907	266,548
February .....	210,454	196,975	130,283	330,580	264,880
March .....	240,115	218,409	148,023	381,622	275,967
April .....	236,150	235,302	164,845	435,642	346,551
May .....	268,639	236,046	213,670	525,908	461,337
June .....	233,819	200,262	213,895	373,462	413,916
July .....	202,453	209,352	257,964	360,587	524,714
August .....	206,370	192,290	223,832	272,782	506,396
September .....	174,137	161,634	211,818	232,363	554,078
October .....	173,364	190,719	336,109	309,246	378,312
November .....	150,156	191,184	321,381	427,723	442,869
December .....	187,241	176,655	358,707	407,638	420,081

CONSUMPTION OF PRIMARY POWER  
(Production plus Imports less Exports and Secondary Power)

January .....	4,784,385	5,106,043	5,378,953	5,797,713	x 6,072,852
February .....	4,500,020	4,681,074	4,873,747	5,336,128	x 5,726,437
March .....	4,702,447	5,131,365	5,391,906	5,912,789	x 6,017,649
April .....	4,474,730	4,892,161	5,105,672	5,496,513	x 5,742,741
May .....	4,595,893	4,954,273	5,176,603	5,623,512	6,059,775
June .....	4,345,595	4,790,738	5,035,235	5,496,284	x 5,964,167
July .....	4,357,670	4,773,393	4,967,850	5,425,244	x 5,932,941
August .....	4,456,660	4,781,887	5,058,630	5,709,507	6,149,713
September .....	4,570,727	4,856,892	5,110,850	5,705,751	6,071,224
October .....	4,927,204	5,182,932	5,440,515	5,953,723	6,050,376
November .....	4,804,931	5,140,372	5,504,247	6,130,235	x 6,647,776
December .....	5,048,084	5,398,403	5,798,928	6,318,203	6,837,319



# DOMINION BUREAU OF STATISTICS

OTTAWA - CANADA



Memorandum

Published by Authority of the Rt. Hon. C. D. Howe, Minister of Trade and Commerce

Vol. 25 No. 1, 3-12.

## ELECTRIC POWER STATISTICS (Central Electric Stations)

January, 1957

Price: \$1.00 per year.

This report is the first of a revised monthly series on electric power statistics in Canada. It replaces "Central Electric Stations", which was a monthly compilation of the generation and distribution of electric power by firms which sold at least part of their electric power production. In the revised series certain firms which generate electricity solely for use in their own industry, mine, etc. with none for sale to the public have been included. These firms were excluded from the former Central Electric Stations series since none of their output was sold to the public, and in the revised series, their electric power generation has been classed as "generated by industry". To this "industrial" group has been added certain firms formerly included with "utilities" in the Central Electric Stations series. These firms include industrial producers with small amounts of electrical energy for sale. The remaining firms whose essential function is to sell electric energy have been classed as "Utilities" and their generation has been reported as "generated by utilities".

Statistics have been collected from only those firms which generate at least 10 million kilowatt hours per year. It is estimated, however, that the generation of these firms represents approximately 96 per cent of the total electricity production in Canada and consequently will reflect the growth of electric power generation more effectively than the previous series.

Total net generation as defined for the purpose of this series means total output less the amount used in station service; that is, the net amount available for domestic, commercial or industrial purposes. The amount of electric energy available for disposal in Canada is calculated by adding imports, and subtracting exports from the total net generation. These statistics on "total available for disposal" in Canada and in the provinces were previously classed as "consumption". The classification "Used in electric boilers" replaces what was formerly termed "consumption secondary". There is no change in concept involved in this classification, the revised terminology being considered more precise.

In order to establish historical continuity, statistics are being compiled on the new basis back to 1949. This report shows net generation statistics only back to 1954 for utilities by province. Subsequent reports, however, will include earlier years for both utilities and industry where feasible.

N.B. FOR COMPARATIVE PURPOSES JANUARY, 1957 STATISTICS HAVE BEEN PROVIDED AT THE END OF THIS REPORT ON THE PREVIOUS "CENTRAL ELECTRIC STATIONS" BASIS.

Total net generation in Canada in January of this year amounted to 8,106,931,000 kwh. of which 6,295,722,000 kwh. was produced by utilities and 1,811,209,000 kwh. by industrial firms. The amount produced by utilities compares with the 5,628,391,000 kwh. produced in January, 1956. (See table on net generation 1949-56). Quebec generated the greatest amount of electrical energy in January, producing 3,427,958,000 kwh. Total net generation of other provinces in order of importance follows: Ontario (2,605,735,000 kwh.); British Columbia (999,756,000); Manitoba (309,907,000); Alberta (221,726,000); Saskatchewan (157,247,000); Nova Scotia (137,913,000); Newfoundland (123,492,000); New Brunswick (108,936,000); Yukon and Northwest Territories (9,091,000); and Prince Edward Island (5,170,000).

Total imports of electric energy from the United States equalled 63,751,000 kwh. in January, while 350,610,000 kwh. was exported, leaving 7,820,072,000 kwh. as the total available for disposal in Canada. Of this, 120,507,000 kwh. was used in electric boilers.

Total net generation by utilities in Canada increased 12.2% to 68,774,567,000 kwh. in 1956 from 61,298,894,000 in 1955, as compared with a 10.9 per cent increase in 1955 over 1954. Of the total production in 1956, 64,484,958,000 or 93.8 per cent was generated by hydro while the balance was generated thermally. This compares with 58,107,050,000 kwh. or 94.8 per cent generated by hydro in 1955 and 52,103,384,000 kwh. or 94.3 per cent in 1954.

Prepared in the Transportation and Public Utilities Section.

8504-509-17

EDMOND CLOUTIER, C.M.G., O.A., D.S.P., Queen's Printer and Controller of Stationery, Ottawa, 1957.

# Electric Power Statistics

Month of January, 1957

	Canada	Newfoundland	Prince Edward Island	Nova Scotia
		(Thousand kwh.)		
Generated by:				
Utilities - Hydro .....	5,662,916	90,304	-	47,244
- Thermal .....	632,830	342	5,170	77,744
- Total .....	6,295,746	90,646	5,170	124,988
Industry - Hydro .....	1,656,478	28,020	-	2,866
- Thermal .....	154,731	4,826	-	10,059
- Total .....	1,811,209	32,846	-	12,925
Total net generated .....	8,106,955	123,492	5,170	137,913
Energy imported:				
From other provinces .....	xxx	-	-	-
From United States .....	63,751	-	-	-
Total .....	63,751	-	-	-
Energy exported:				
To other provinces .....	xxx	4,458	-	846
To United States - primary .....	106,302	-	-	-
- secondary .....	244,308	-	-	-
Total .....	350,610	4,458	-	846
Total available for disposal in Canada .....	7,820,096	119,034	5,170	137,067
(includes interruptable and at will energy)				
Used in electric boilers .....	120,507	12,310	-	-

Cumulative totals, January -

Generated by:				
Utilities - Hydro .....				
- Thermal .....				
- Total .....				
Industry - Hydro .....				
- Thermal .....				
- Total .....				
Total net generated .....				
Energy imported:				
From other provinces .....				
From United States .....				
Total .....				
Energy exported:				
To other provinces .....				
To United States - primary .....				
- secondary .....				
Total .....				
Total available for disposal in Canada .....				
(includes interruptable and at will energy)				
Used in electric boilers .....				

Electric Power Statistics

Month of January, 1957

New Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Yukon and N.W.T.
			(Thousand kwh.)				
22,630	2,448,486	2,220,714	306,609	50,710	65,574	405,100	5,545
52,550	493	223,743	1,278	106,537	150,128	14,671	174
75,180	2,448,979	2,444,457	307,887	157,247	215,702	419,771	5,719
3,761	967,199	107,713	-	-	-	542,797	3,372
29,995	11,780	53,565	2,020	-	6,048	37,188	-
33,756	978,979	161,278	2,020	-	6,048	579,985	3,372
108,936	3,427,958	2,605,735	309,907	157,247	221,750	999,756	9,091
2,106	4,908	291,176	49,788	227	1,623	1,140	-
141	37	59,775	-	-	-	3,798	-
2,247	4,945	350,951	49,788	227	1,623	4,938	-
-	285,344	519	7,319	49,719	1,140	1,623	-
2	44,676	61,544	2	-	-	78	-
-	4,472	239,277	-	-	-	559	-
2	334,492	301,340	7,321	49,719	1,140	2,260	-
111,181	3,098,411	2,655,346	352,374	107,755	222,233	1,002,434	9,091
-	77,798	1,842	27,349	-	-	-	1,208

Cumulative totals, January -

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# Electric Power Statistics

Month of January, 1957

Month	Daily Average		Total net generation	Imports from United States	Exports to United States	Total available for disposal in Canada
	Total net generation	Total available for disposal				
			(Thousand kwh.)			
January .....	261,514	252,260	8,106,931	63,751	350,610	7,820,072
February .....						
March .....						
April .....						
May .....						
June .....						
July .....						
August .....						
September .....						
October .....						
November .....						
December .....						
Total .....						

Month	Net generation						Grand total
	Utilities			Industry			
	Hydro	Thermal	Total	Hydro	Thermal	Total	
				(Thousand kwh.)			
January .....	5,662,916	632,806	6,295,722	1,655,728	155,481	1,811,209	8,106,931
February .....							
March .....							
April .....							
May .....							
June .....							
July .....							
August .....							
September .....							
October .....							
November .....							
December .....							

## Net generation, 1949-1956 CANADA

Year and month	Utilities			Industry			Grand total
	Hydro	Thermal	Total	Hydro	Thermal	Total	
				(Thousand kwh.)			
1949 .....							
1950 .....							
1951 .....	1	1	1	1	1	1	1
1952 .....							
1953 .....							
1954 .....	52,103,384	3,174,454	55,277,838				
1955 .....	58,107,050	3,192,045	61,299,095				
1956 - Total .....	64,484,958	4,289,767	68,774,725				
January .....	5,247,829	380,562	5,628,391	n.a.	n.a.	n.a.	n.a.
February .....	4,994,013	367,204	5,361,217	"	"	"	"
March .....	5,226,788	378,686	5,605,474	"	"	"	"
April .....	5,163,158	292,440	5,455,598	"	"	"	"
May .....	5,544,701	263,270	5,807,971	"	"	"	"
June .....	5,329,027	239,164	5,568,191	"	"	"	"
July .....	5,259,887	274,847	5,534,734	"	"	"	"
August .....	5,363,505	313,487	5,676,992	"	"	"	"
September .....	5,381,964	346,895	5,728,859	"	"	"	"
October .....	5,752,508	426,817	6,179,325	"	"	"	"
November .....	5,537,637	488,369	6,026,006	"	"	"	"
December .....	5,683,941	518,026	6,201,967	"	"	"	"

Electric Power Statistics

Month of January, 1957

Net generation, 1949-1956

NEWFOUNDLAND

Year and month	Utilities			Industry			Grand total
	Hydro	Thermal	Total	Hydro	Thermal	Total	
				(Thousand kwh.)			
1949 .....							
1950 .....							
1951 .....	1	1	1	1	1	1	1
1952 .....							
1953 .....							
1954 .....	191,357	1,106	192,463				
1955 .....	614,400	1,501	615,901				
1956 - Total .....	998,825	2,418	1,001,243				
January .....	82,940	164	83,104	n.a.	n.a.	n.a.	n.a.
February .....	85,788	145	85,933	"	"	"	"
March .....	80,247	144	80,391	"	"	"	"
April .....	89,691	132	89,823	"	"	"	"
May .....	88,680	129	88,809	"	"	"	"
June .....	82,605	119	82,724	"	"	"	"
July .....	79,868	209	80,077	"	"	"	"
August .....	87,090	159	87,249	"	"	"	"
September .....	83,625	433	84,058	"	"	"	"
October .....	81,544	232	81,776	"	"	"	"
November .....	77,114	290	77,404	"	"	"	"
December .....	79,633	262	79,895	"	"	"	"

PRINCE EDWARD ISLAND

1949 .....							
1950 .....							
1951 .....	1	1	1	1	1	1	1
1952 .....							
1953 .....							
1954 .....	152	41,868	42,020				
1955 .....	43	45,849	45,892				
1956 - Total .....	-	49,869	49,869				
January .....	-	3,546	3,546	n.a.	n.a.	n.a.	n.a.
February .....	-	3,476	3,476	"	"	"	"
March .....	-	3,862	3,862	"	"	"	"
April .....	-	3,708	3,708	"	"	"	"
May .....	-	3,862	3,862	"	"	"	"
June .....	-	3,765	3,765	"	"	"	"
July .....	-	3,967	3,967	"	"	"	"
August .....	-	5,129	5,129	"	"	"	"
September .....	-	4,119	4,119	"	"	"	"
October .....	-	4,506	4,506	"	"	"	"
November .....	-	4,885	4,885	"	"	"	"
December .....	-	5,044	5,044	"	"	"	"

NOVA SCOTIA

1949 .....							
1950 .....							
1951 .....	1	1	1	1	1	1	1
1952 .....							
1953 .....							
1954 .....	538,236	535,735	1,073,971				
1955 .....	481,571	700,529	1,182,100				
1956 - Total .....	546,214	760,409	1,306,623				
January .....	51,655	60,391	112,046	n.a.	n.a.	n.a.	n.a.
February .....	52,099	53,911	106,010	"	"	"	"
March .....	56,350	55,569	111,919	"	"	"	"
April .....	56,075	48,716	104,791	"	"	"	"
May .....	55,382	50,217	105,599	"	"	"	"
June .....	45,898	57,100	102,998	"	"	"	"
July .....	31,137	69,637	100,774	"	"	"	"
August .....	36,441	68,922	105,363	"	"	"	"
September .....	34,369	70,078	104,447	"	"	"	"
October .....	36,161	79,390	115,551	"	"	"	"
November .....	38,723	77,454	116,177	"	"	"	"
December .....	51,924	69,024	120,948	"	"	"	"

Historical data to be shown in subsequent monthly reports.

Electric Power Statistics

Month of January, 1957

Net generation, 1949-1956

NEW BRUNSWICK

Year and month	Utilities			Industry			Grand total
	Hydro	Thermal	Total	Hydro	Thermal	Total	
				(Thousand kwh.)			
1949 .....							
1950 .....							
1951 .....	1	1	1	1	1	1	1
1952 .....							
1953 .....							
1954 .....	647,865	195,417	843,282				
1955 .....	517,128	302,667	819,795				
1956 - Total .....	458,180	395,507	853,687				
January .....	27,443	30,460	57,903	n.a.	n.a.	n.a.	n.a.
February .....	24,578	34,347	58,925	"	"	"	"
March .....	21,886	39,484	61,370	"	"	"	"
April .....	48,000	23,309	71,309	"	"	"	"
May .....	60,785	16,128	76,913	"	"	"	"
June .....	54,606	19,896	74,502	"	"	"	"
July .....	44,671	31,961	76,632	"	"	"	"
August .....	37,789	36,105	73,894	"	"	"	"
September .....	31,150	36,854	68,004	"	"	"	"
October .....	38,769	40,487	79,256	"	"	"	"
November .....	33,980	41,880	75,860	"	"	"	"
December .....	34,523	44,596	79,119	"	"	"	"

QUEBEC

1949 .....							
1950 .....							
1951 .....	1	1	1	1	1	1	1
1952 .....							
1953 .....							
1954 .....	24,285,121	11,789	24,296,910				
1955 .....	24,370,991	13,176	24,384,167				
1956 - Total .....	27,139,438	4,329	27,143,767				
January .....	2,167,248	1,028	2,168,276	n.a.	n.a.	n.a.	n.a.
February .....	2,096,408	692	2,097,100	"	"	"	"
March .....	2,195,153	893	2,196,046	"	"	"	"
April .....	2,118,777	264	2,119,041	"	"	"	"
May .....	2,291,169	54	2,291,223	"	"	"	"
June .....	2,217,605	40	2,217,645	"	"	"	"
July .....	2,195,257	66	2,195,323	"	"	"	"
August .....	2,317,896	92	2,317,988	"	"	"	"
September .....	2,285,352	42	2,285,394	"	"	"	"
October .....	2,431,313	193	2,431,506	"	"	"	"
November .....	2,377,558	658	2,378,216	"	"	"	"
December .....	2,445,702	307	2,446,009	"	"	"	"

ONTARIO

1949 .....							
1950 .....							
1951 .....	1	1	1	1	1	1	1
1952 .....							
1953 .....							
1954 .....	18,785,096	962,903	19,747,999				
1955 .....	23,722,368	416,200	24,138,568				
1956 - Total .....	26,393,916	956,922	27,350,838				
January .....	2,105,233	93,453	2,198,686	n.a.	n.a.	n.a.	n.a.
February .....	1,950,095	99,264	2,049,359	"	"	"	"
March .....	2,074,800	101,320	2,176,120	"	"	"	"
April .....	2,121,035	58,998	2,180,033	"	"	"	"
May .....	2,335,975	27,601	2,363,576	"	"	"	"
June .....	2,260,606	20,128	2,280,734	"	"	"	"
July .....	2,266,785	29,781	2,296,566	"	"	"	"
August .....	2,199,794	48,867	2,248,661	"	"	"	"
September .....	2,239,995	75,756	2,315,751	"	"	"	"
October .....	2,362,627	115,472	2,478,099	"	"	"	"
November .....	2,221,995	146,094	2,368,089	"	"	"	"
December .....	2,254,976	140,188	2,395,164	"	"	"	"

1 Historical data to be shown in subsequent monthly reports.



Electric Power Statistics

Month of January, 1957

Net generation, 1949-1956

MANITOBA

Year and month	Utilities			Industry			Grand total
	Hydro	Thermal	Total	Hydro	Thermal	Total	
				(Thousand kwh.)			
1949 .....							
1950 .....							
1951 .....	1	1	1	1	1	1	1
1952 .....							
1953 .....							
1954 .....	2,933,314	3,890	2,937,204				
1955 .....	3,100,691	1,132	3,101,823				
1956 - Total .....	3,331,119	375	3,331,494				
January .....	312,654	13	312,667	n.a.	n.a.	n.a.	n.a.
February .....	299,946	173	300,119	"	"	"	"
March .....	314,070	-	314,070	"	"	"	"
April .....	285,778	-	285,778	"	"	"	"
May .....	283,220	-	283,220	"	"	"	"
June .....	231,477	2	231,479	"	"	"	"
July .....	216,147	-	216,147	"	"	"	"
August .....	241,111	-	241,111	"	"	"	"
September .....	261,886	-	261,886	"	"	"	"
October .....	285,782	118	285,900	"	"	"	"
November .....	290,962	-	290,962	"	"	"	"
December .....	308,086	69	308,155	"	"	"	"

SASKATCHEWAN

1949 .....							
1950 .....							
1951 .....	1	1	1	1	1	1	1
1952 .....							
1953 .....							
1954 .....	559,300	721,173	1,280,473				
1955 .....	569,401	839,817	1,409,218				
1956 - Total .....	555,465	981,482	1,536,947				
January .....	48,949	89,203	138,152	n.a.	n.a.	n.a.	n.a.
February .....	46,817	81,069	127,886	"	"	"	"
March .....	48,540	81,977	130,517	"	"	"	"
April .....	46,606	74,796	121,402	"	"	"	"
May .....	46,179	75,649	121,828	"	"	"	"
June .....	41,562	72,886	114,448	"	"	"	"
July .....	43,255	72,581	115,836	"	"	"	"
August .....	45,283	77,321	122,604	"	"	"	"
September .....	43,978	77,674	121,652	"	"	"	"
October .....	47,002	85,607	132,609	"	"	"	"
November .....	47,954	90,185	138,139	"	"	"	"
December .....	49,340	102,534	151,874	"	"	"	"

ALBERTA

1949 .....							
1950 .....							
1951 .....	1	1	1	1	1	1	1
1952 .....							
1953 .....							
1954 .....	854,896	629,940	1,484,836				
1955 .....	932,682	773,864	1,706,546				
1956 - Total .....	975,357	1,020,789	1,996,146				
January .....	96,774	90,050	186,824	n.a.	n.a.	n.a.	n.a.
February .....	88,739	81,576	170,315	"	"	"	"
March .....	88,139	80,640	168,779	"	"	"	"
April .....	74,059	75,870	149,929	"	"	"	"
May .....	66,082	83,214	149,296	"	"	"	"
June .....	90,490	57,737	148,227	"	"	"	"
July .....	90,226	59,974	150,200	"	"	"	"
August .....	89,631	69,742	159,373	"	"	"	"
September .....	85,851	73,054	158,905	"	"	"	"
October .....	81,609	90,320	171,929	"	"	"	"
November .....	63,524	115,297	178,821	"	"	"	"
December .....	60,233	143,315	203,548	"	"	"	"

Historical data to be shown in subsequent monthly reports.

Electric Power Statistics

Month of January, 1957

Net generation, 1949-1956

BRITISH COLUMBIA

Year and month	Utilities			Industry			Grand total
	Hydro	Thermal	Total	Hydro	Thermal	Total	
				(Thousand kwh.)			
1949 .....							
1950 .....							
1951 .....	1	1	1	1	1	1	1
1952 .....							
1953 .....							
1954 .....	3,308,047	70,633	3,378,680				
1955 .....	3,740,210	96,340	3,836,550				
1956 - Total .....	4,029,231	116,441	4,145,672				
January .....	349,413	12,148	361,561	n.a.	n.a.	n.a.	n.a.
February .....	344,387	12,456	356,843	"	"	"	"
March .....	342,315	14,705	357,020	"	"	"	"
April .....	318,274	6,565	324,839	"	"	"	"
May .....	312,527	6,335	318,862	"	"	"	"
June .....	300,254	7,408	307,662	"	"	"	"
July .....	288,685	6,587	295,272	"	"	"	"
August .....	303,990	7,061	311,051	"	"	"	"
September .....	311,644	8,789	320,433	"	"	"	"
October .....	383,146	10,386	393,532	"	"	"	"
November .....	380,616	11,488	392,104	"	"	"	"
December .....	393,980	12,513	406,493	"	"	"	"

YUKON AND NORTHWEST TERRITORIES

1949 .....							
1950 .....							
1951 .....	1	1	1	1	1	1	1
1952 .....							
1953 .....							
1954 .....	-	-	-				
1955 .....	57,565	970	58,535				
1956 - Total .....	57,213	1,226	58,439				
January .....	5,520	106	5,626	n.a.	n.a.	n.a.	n.a.
February .....	5,156	95	5,251	"	"	"	"
March .....	5,288	92	5,380	"	"	"	"
April .....	4,863	82	4,945	"	"	"	"
May .....	4,702	81	4,783	"	"	"	"
June .....	3,924	83	4,007	"	"	"	"
July .....	3,856	84	3,940	"	"	"	"
August .....	4,480	89	4,569	"	"	"	"
September .....	4,114	96	4,210	"	"	"	"
October .....	4,555	106	4,661	"	"	"	"
November .....	5,211	138	5,349	"	"	"	"
December .....	5,544	174	5,718	"	"	"	"

1 Historical data to be shown in subsequent monthly reports.

Central Electric Stations

Month of January, 1957

(Data Compiled on Old Basis for Comparative Purposes Only)

(Thousand kwh.)	CANADA	New- foundland	Prince Edward Island	Nova Scotia	New Brunswick	Quebec
Production - Hydraulic .....	6,844,811	91,567	-	47,244	23,882	3,338,813
Thermal .....	611,955	342	5,170	76,985	53,574	480
Total .....	7,456,766	91,909	5,170	124,229	77,456	3,339,293
Primary .	7,124,189	81,106	5,170	124,229	77,456	3,287,195
Secondary	332,577	10,803	-	-	-	52,098
Receipts - from other provinces ..	-	-	-	-	2,106	450
Deliveries - to other provinces ....	-	-	-	846	-	285,344
Imports - from U.S.A. Total .....	63,751	-	-	-	141	37
Primary .	63,751	-	-	-	141	37
Secondary	-	-	-	-	-	-
Exports - to U.S.A. Total .....	350,610	-	-	-	2	49,148
Primary .	106,861	-	-	-	2	44,676
Secondary	243,749	-	-	-	-	4,472
Consumption (C+F+H-G-K) Total .....	7,169,907	91,909	5,170	123,383	79,701	3,005,288
Primary .	7,081,079	81,106	5,170	123,383	79,701	2,957,662
Secondary	88,828	10,803	-	-	-	47,626
	Ontario	Manitoba	Saskat- chewan	Alberta	British Columbia	Yukon and N.W.T.
Production - Hydraulic .....	2,285,666	306,609	75,347	65,172	602,130	8,381
Thermal .....	229,227	1,278	81,900	147,347	15,478	174
Total .....	2,514,893	307,887	157,247	212,519	617,608	8,555
Primary .	2,273,774	280,538	157,247	212,519	617,608	7,347
Secondary	241,119	27,349	-	-	-	1,208
Receipts - from other provinces ..	291,176	49,788	227	1,623	1,140	-
Deliveries - to other provinces ....	519	7,319	49,719	1,140	1,623	-
Imports - from U.S.A. Total .....	59,775	-	-	-	3,798	-
Primary .	59,775	-	-	-	3,798	-
Secondary	-	-	-	-	-	-
Exports - to U.S.A. Total .....	300,821	2	-	-	637	-
Primary .	61,544	2	-	-	637	-
Secondary	239,277	-	-	-	-	-
Consumption (C+F+H-G-K) Total .....	2,564,504	350,354	107,755	213,002	620,286	8,555
Primary .	2,562,662	323,005	107,755	213,002	620,286	7,347
Secondary	1,842	27,349	-	-	-	1,208

ly average of total production 240,541  
ly average of primary consumption 228,422

Seasonally adjusted index number for total production 330.2  
Seasonally adjusted index number for primary consumption 458.5











# DOMINION BUREAU OF STATISTICS

OTTAWA - CANADA

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## ELECTRIC POWER STATISTICS (Central Electric Stations)

MARCH, 1957

This report is the third of a revised monthly statistical series on electric power in Canada. It replaces "Central Electric Stations", which was a monthly compilation of the generation and distribution of electric power by firms which sold at least part of their electric power production. In the revised series certain firms which generate electricity solely for use in their own industry, mine, etc. with none for sale to the public have been included. These firms were excluded from the former Central Electric Stations series since none of their output was sold to the public, and in the revised series, their electric power generation has been classed as "generated by industry". To this "industrial" group has been added certain firms formerly included in the Central Electric Stations series. These firms include industrial producers with small amounts of electrical energy for sale. The remaining firms whose essential function is to sell electric energy have been classed as "Utilities" and their generation has been reported as "generated by utilities".

Statistics have been collected from only those firms which generate at least 10 million kilowatt hours per year. It is estimated, however, that the generation of these firms represents approximately 96 per cent of the total electricity production in Canada and consequently will reflect the growth of electric power generation more effectively than the previous series.

Total net generation as defined for the purpose of this series means total output less the amount used in station service; that is, the net amount available for domestic, commercial or industrial purposes. The amount of electric energy available for disposal in Canada is calculated by adding imports, and subtracting exports from the total net generation. These statistics on "Total available for disposal" in Canada and in the provinces were previously classed as "consumption". The classification "Used in electric boilers" replaces what was formerly termed "consumption secondary", although secondary consumption did contain a relatively small amount of energy used for purposes other than electric boilers.

In order to establish historical continuity, statistics are being compiled on the new basis back to 1949. The January report showed net generation statistics back to 1954 only, for utilities by province. Subsequent reports, however, will include earlier years for both utilities and industry where feasible and as compiled.

Total net generation in Canada in March, 1957, amounted to 7,818,960,000 kwh of which 6,145,648,000 kwh was produced by utilities and 1,673,312,000 kwh by industrial firms. This was an increase of 6.9 per cent over the February total net generation of 7,313,831,000 kwh. Utilities showed an increase of 7.9 per cent over the 5,693,759,000 kwh produced in February, while industries increased 3.3 per cent over 1,620,072,000 kwh. The amount produced by utilities was an increase of 540,174,000 kwh or 9.6 per cent over that produced in March of last year.

Of the total net generation for March, 1957, 91.5 per cent was generated by hydro while the balance was generated by thermal plants. Generation by hydro at 7,151,010,000 kwh was a 7.8 per cent increase over the February figure while thermal generation at 667,437,000 kwh dropped by 1.9 per cent.

Quebec leads the provinces in the amount of electric energy generated in March with a total of 3,183,087,000 kwh. Total net generation of the other provinces in order of production follows: Ontario - 2,628,605,000 kwh; British Columbia - 982,105,000; Manitoba - 302,376,000; Alberta - 198,189,000; Saskatchewan - 145,619,000; Nova Scotia - 130,765,000; Newfoundland - 122,712,000; New Brunswick - 112,062,000; Yukon and Northwest Territories - 8,789,000; and Prince Edward Island - 4,651,000 kwh.

Total imports of electric energy from the United States dropped this month to 19,464,000 kwh from 31,221,000 kwh in February, while exports to the United States rose by 12.9 per cent to 413,659,000 kwh. Total amount of electric energy available for disposal in Canada in March was 7,424,765,000 kwh or 6.5 per cent more than that available in February, and of this amount, 148,406,000 kwh was used in electric boilers, an increase of 22.4 per cent over last month.

Prepared in the Transportation and Public Utilities Section.

504-509-37

Electric Power Statistics

March, 1957

	Canada	Newfoundland	Prince Edward Island	Nova Scotia
		(Thousand kwh )		
Generated by:				
Utilities - Hydro .....	5,641,265	90,059	-	53,489
- Thermal .....	504,383	336	4,651	64,759
- Total .....	6,145,648	90,395	4,651	118,248
Industry - Hydro .....	1,509,745	26,731	-	2,781
- Thermal .....	163,567	5,586	-	9,736
- Total .....	1,673,312	32,317	-	12,517
Total net generated .....	7,818,960	122,712	4,651	130,765
Energy imported:				
From other provinces .....	xxx	-	-	-
From United States .....	19,464	-	-	-
Total .....	19,464	-	-	-
Energy exported:				
To other provinces .....	xxx	4,113	-	725
To United States - primary .....	105,944	-	-	-
- secondary .....	307,715	-	-	-
Total .....	413,659	4,113	-	725
Total available for disposal in Canada .....	7,424,765	118,599	4,651	130,040
(includes interruptable and at will energy and energy used in electric boilers)				
Used in electric boilers .....	148,406	10,748	-	-

Cumulative totals, January - March

Generated by:				
Utilities - Hydro .....	16,470,433	262,553	-	145,843
- Thermal .....	1,664,720	896	14,231	206,085
- Total .....	18,135,153	263,449	14,231	351,928
Industry - Hydro .....	4,632,931	78,780	-	8,231
- Thermal .....	473,353 <sup>1</sup>	16,503	-	28,411
- Total .....	5,106,284 <sup>1</sup>	95,283	-	36,642
Total net generated .....	23,241,437 <sup>1</sup>	358,732	14,231	388,570
Energy imported:				
From other provinces .....	xxx	-	-	-
From United States .....	115,624	-	-	-
Total .....	115,624	-	-	-
Energy exported:				
To other provinces .....	xxx	12,932 <sup>1</sup>	-	2,321
To United States - primary .....	306,677	-	-	-
- secondary .....	830,652	-	-	-
Total .....	1,137,329	12,932 <sup>1</sup>	-	2,321
Total available for disposal in Canada .....				
(includes interruptable and at will energy and energy used in electric boilers)				
Used in electric boilers .....	22,219,732 <sup>1</sup>	345,800 <sup>1</sup>	14,231	386,249
	408,490 <sup>1</sup>	33,183 <sup>1</sup>	-	-

1. Includes revised February statistics.

Electric Power Statistics  
March, 1957

New Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Yukon and N.W.T.
(Thousand kwh )							
27,945	2,343,352	2,300,555	302,376	49,732	64,435	404,029	5,293
49,957	56	150,174	-	93,457	126,148	14,691	154
77,902	2,343,408	2,450,729	302,376	143,189	190,583	418,720	5,447
3,403	828,223	123,810	-	-	-	521,455	3,342
30,757	11,456	54,066	-	2,430	7,606	41,930	-
34,160	839,679	177,876	-	2,430	7,606	563,385	3,342
112,062	3,183,087	2,628,605	302,376	145,619	198,189	982,105	8,789
1,945	5,146	407,273	48,494	189	2,896	27	-
420	38	18,126	-	-	-	880	-
2,365	5,184	425,399	48,494	189	2,896	907	-
-	400,518	1,095	8,164	48,432	27	2,896	-
1,964	42,061	61,856	1	-	-	62	-
314	33,582	273,122	-	-	-	697	-
2,278	476,161	336,073	8,165	48,432	27	3,655	-
112,149	2,712,110	2,717,931	342,705	97,376	201,058	979,357	8,789
-	57,427	11,387	54,005	-	-	13,880	959

Cumulative totals, January - March

69,851	7,014,502	6,557,909	890,215	146,897	186,881	1,179,814	15,968
149,896	645	544,172	1,309	292,094	411,587	43,329	476
219,747	7,015,147	7,102,081	891,524	438,991	598,468	1,223,143	16,444
10,168	2,639,653	340,351	-	-	-	1,545,959	9,789
89,207	36,470 <sup>1</sup>	160,501	-1	6,280 <sup>1</sup>	19,576	116,405	-
99,375	2,676,123 <sup>1</sup>	500,852	-1	6,280 <sup>1</sup>	19,576	1,662,364	9,789
319,122	9,691,270 <sup>1</sup>	7,602,933	891,524 <sup>1</sup>	445,271 <sup>1</sup>	618,044	2,885,507	26,233
5,906	16,313 <sup>1</sup>	1,079,597	143,178	655	6,050	1,989	-
3,179	112	103,147	-	-	-	9,186	-
9,085	16,425 <sup>1</sup>	1,182,744	143,178	655	6,050	11,175	-
-	1,060,564	3,541	23,273	143,018	1,989	6,050	-
1,968	124,740	179,768	4	-	-	197	-
314	75,612	751,954	-	-	-	2,772	-
2,282	1,260,916	935,263	23,277	143,018	1,989	9,019	-
325,925	8,446,779 <sup>1</sup>	7,850,414 <sup>1</sup>	1,011,425 <sup>1</sup>	302,908 <sup>1</sup>	622,105	2,887,663	26,233
-	188,155 <sup>1</sup>	16,568 <sup>1</sup>	119,088	-	-	48,203	3,293

Includes revised February statistics.



Electric Power Statistics  
March, 1957

Month	Daily Average		Total net generation	Imports from United States	Exports to United States	Total available for disposal in Canada
	Total net generation	Total available for disposal				
(Thousand kwh )						
January .....	261,569	252,354 <sup>1</sup>	8,108,646 <sup>1</sup>	64,939	350,610	7,822,975 <sup>1</sup>
February .....	261,208	249,000	7,313,831 <sup>1</sup>	31,221	373,060	6,971,992 <sup>1</sup>
March .....	252,225	239,509	7,818,960	19,464	413,659	7,424,765
April .....						
May .....						
June .....						
July .....						
August .....						
September .....						
October .....						
November .....						
December .....						
Total .....						

Month	Net generation, 1957						
	Utilities			Industry			Grand total
	Hydro	Thermal	Total	Hydro	Thermal	Total	
				(Thousand kwh )			
January .....	5,662,916	632,830	6,295,746	1,655,728	157,172 <sup>1</sup>	1,812,900 <sup>1</sup>	8,108,646 <sup>1</sup>
February .....	5,166,252	527,507	5,693,759	1,467,458	152,614 <sup>1</sup>	1,620,072 <sup>1</sup>	7,313,831 <sup>1</sup>
March .....	5,641,265	504,383	6,145,648	1,509,745	163,567	1,673,312	7,818,960
April .....							
May .....							
June .....							
July .....							
August .....							
September .....							
October .....							
November .....							
December .....							

Net generation, 1949-1956  
CANADA

Year and month	Utilities			Industry			Grand total
	Hydro	Thermal	Total	Hydro	Thermal	Total	
				(Thousand kwh )			
1949 .....							
1950 .....							
1951 .....	2	2	2	2	2	2	2
1952 .....							
1953 .....							
1954 .....	52,103,384	3,174,454	55,277,838				
1955 .....	57,700,183	3,192,045	61,602,208				
1956 - Total .....	64,484,958	4,289,767	68,774,725				
January .....	5,247,829	380,562	5,628,391	n. a.	n. a.	n. a.	n. a.
February .....	4,994,013	367,204	5,361,217	"	"	"	"
March .....	5,226,788	378,686	5,605,474	"	"	"	"
April .....	5,163,158	292,440	5,455,598	"	"	"	"
May .....	5,544,701	263,270	5,807,971	"	"	"	"
June .....	5,329,027	239,164	5,568,191	"	"	"	"
July .....	5,259,887	274,847	5,534,734	"	"	"	"
August .....	5,363,505	313,487	5,676,992	"	"	"	"
September .....	5,381,964	346,895	5,728,859	"	"	"	"
October .....	5,752,508	426,817	6,179,325	"	"	"	"
November .....	5,537,637	488,369	6,026,006	"	"	"	"
December .....	5,683,941	518,026	6,201,967	"	"	"	"

1. Revised
2. Historical data to be shown in subsequent monthly reports.

DOMINION BUREAU OF STATISTICS

OTTAWA - CANADA

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Memorandum

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ELECTRIC POWER STATISTICS  
(Central Electric Stations)

APRIL, 1957

This report is the fourth of a revised monthly statistical series on electric power in Canada. It replaces "Central Electric Stations", which was a monthly compilation of the generation and distribution of electric power by firms which sold at least part of their electric power production. In the revised series certain firms which generate electricity solely for use in their own industry, mine, etc. with none for sale to the public have been included. These firms were excluded from the former Central Electric Stations series since none of their output was sold to the public, and in the revised series, their electric power generation has been classed as "generated by industry". To this "industrial" group has been added certain firms formerly included in the Central Electric Stations series. These firms include industrial producers with small amounts of electrical energy for sale. The remaining firms whose essential function is to sell electric energy have been classed as "Utilities" and their generation has been reported as "generated by utilities".

Statistics have been collected from only those firms which generate at least 10 million kilowatt hours per year. It is estimated, however, that the generation of these firms represents approximately 96 per cent of the total electricity production in Canada and consequently will reflect the growth of electric power generation more effectively than the previous series.

Total net generation as defined for the purpose of this series means total output less the amount used in station service; that is, the net amount available for domestic, commercial or industrial purposes. The amount of electric energy available for disposal in Canada is calculated by adding imports, and subtracting exports from the total net generation. These statistics on "Total available for disposal" in Canada and in the provinces were previously classed as "consumption". The classification "Used in electric boilers" replaces what was formerly termed "consumption secondary", although secondary consumption did contain a relatively small amount of energy used for purposes other than electric boilers.

In order to establish historical continuity, statistics are being compiled on the new basis back to 1949. The January report showed net generation statistics back to 1954 only, for utilities by province. Subsequent reports, however, will include earlier years for both utilities and industry where feasible and as compiled.

Total net generation in Canada in April, 1957, amounted to 7,527,474,000 kwh of which 5,864,352,000 kwh was produced by utilities and 1,663,122,000 kwh by industrial firms. This was a decrease of 3.7 per cent from the March total net generation of 7,818,960,000 kwh. Utilities showed a decrease of 4.6 per cent from the 6,145,648,000 kwh produced in March, while industries dropped .6 per cent from 1,673,312,000 kwh. The amount produced by utilities was an increase of 408,754,000 kwh or 7.5 per cent over that produced in April of last year.

Of the total net generation for April, 1957, 92.4 per cent was generated by hydro while the balance was generated by thermal plants. Generation by hydro at 6,951,288,000 kwh was a 2.8 per cent drop from the March figure, while thermal generation at 576,188,000 kwh dropped by 13.7 per cent.

Of the provinces, Quebec was the largest producer of electric energy in April with a total of 3,110,143,000 kwh. Total net generation of the other provinces in order of production follows: Ontario-2,560,670,000 kwh; British Columbia-909,698,000; Manitoba-280,459,000; Alberta-180,822,000; Saskatchewan-131,832,000; Nova Scotia-120,926,000; New Brunswick-112,455,000; Newfoundland-107,725,000; Yukon and Northwest Territories-8,391,000, and Prince Edward Island-4,353,000 kwh.

Total imports of electric energy from the United States increased this month to 27,696,000 kwh from 19,464,000 kwh in March, while exports to the United States rose 9.2 per cent to 451,498,000 kwh. Total amount of electric energy available for disposal in Canada in April was 7,103,672,000 kwh or 4.4 per cent less than that available in March, and of this amount, 144,261,000 kwh was used in electric boilers, a 2.8 per cent decrease from last month.

Prepared in the Transportation and Public Utilities Section.

8504-509-47

Electric Power Statistics  
April, 1957

	Canada	Newfoundland	Prince Edward Island	Nova Scotia
	(Thousand kwh )			
Generated by:				
Utilities - Hydro .....	5,443,329	75,938	-	51,542
- Thermal .....	421,023	308	4,353	57,543
- Total .....	5,864,352	76,246	4,353	109,085
Industry - Hydro .....	1,507,957	28,966	-	2,540
- Thermal .....	155,165	2,513	-	9,301
- Total .....	1,663,122	31,479	-	11,841
Total net generated .....	7,527,474	107,725	4,353	120,926
Energy imported:				
From other provinces .....	xxx	-	-	-
From United States .....	27,696	-	-	-
Total .....	27,696	-	-	-
Energy exported:				
To other provinces .....	xxx	4,157	-	721
To United States - primary .....	104,036	-	-	-
- secondary .....	347,462	-	-	-
Total .....	451,498	4,157	-	721
Total available for disposal in Canada .....				
(includes interruptable and at will energy and energy used in electric boilers)	7,103,672	103,568	4,353	120,205
Used in electric boilers .....	144,261	10,262	-	-

Cumulative totals, January - April

Generated by:				
Utilities - Hydro .....	21,913,762	338,491	-	197,385
- Thermal .....	2,085,743	1,204	18,584	263,628
- Total .....	23,999,505	339,695	18,584	461,013
Industry - Hydro .....	6,138,239 <sup>1</sup>	107,746	-	10,771
- Thermal .....	644,417 <sup>1</sup>	19,016	-	37,712
- Total .....	6,782,656	126,762	-	48,483
Total net generated .....	30,782,161 <sup>1</sup>	466,457	18,584	509,496
Energy imported:				
From other provinces .....	xxx	-	-	-
From United States .....	143,320	-	-	-
Total .....	143,320	-	-	-
Energy exported:				
To other provinces .....	xxx <sup>1</sup>	17,089	-	3,042
To United States - primary .....	410,707 <sup>1</sup>	-	-	-
- secondary .....	1,178,120	-	-	-
Total .....	1,588,827	17,089	-	3,042
Total available for disposal in Canada .....				
(includes interruptable and at will energy and energy used in electric boilers)	29,336,654 <sup>1</sup>	449,368	18,584	506,454
Used in electric boilers .....	552,751	43,445	-	-

1. Includes revised March statistics.



Electric Power Statistics  
April, 1957

New Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Yukon and N.W.T.
(Thousand kwh )							
46,305	2,250,720	2,286,643	280,413	43,225	56,540	346,957	5,046
35,044	396	109,292	46	85,955	117,759	10,188	139
81,349	2,251,116	2,395,935	280,459	129,180	174,299	357,145	5,185
5,317	838,729	112,308	-	-	-	516,891	3,206
25,789	20,298	52,427	-	2,652	6,523	35,662	-
31,106	859,027	164,735	-	2,652	6,523	552,553	3,206
112,455	3,110,143	2,560,670	280,459	131,832	180,822	909,698	8,391
1,859	5,172	406,967	45,425	188	4,396	-	-
188	33	17,463	-	-	-	10,012	-
2,047	5,205	424,430	45,425	188	4,396	10,012	-
-	386,937	1,061	21,356	45,379	-	4,396	-
3,174	40,651	60,140	1	-	-	70	-
970	23,300	322,880	-	-	-	312	-
4,144	450,888	384,081	21,357	45,379	-	4,778	-
110,358	2,664,460	2,601,019	304,527	86,641	185,218	914,932	8,391
-	77,327	18,371	32,342	-	-	5,024	935

Cumulative totals, January - April

116,156	9,265,222	8,844,552	1,170,628	190,122	243,421	1,526,771	21,014
184,940	1,041	653,464	1,355	378,049	529,346	53,517	615
301,096	9,266,263	9,498,016	1,171,983	568,171	772,767	1,580,288	21,629
15,485	3,475,733 <sup>1</sup>	452,659	-	-	-	2,062,850 <sup>1</sup>	12,995
114,996	72,245 <sup>1</sup>	212,928	-	8,932	26,099	152,489 <sup>1</sup>	-
130,481	3,547,978 <sup>1</sup>	665,587	-	8,932	26,099	2,215,339 <sup>1</sup>	12,995
431,577	12,814,241 <sup>1</sup>	10,163,603	1,171,983	577,103	798,866	3,795,627 <sup>1</sup>	34,624
7,765	21,485	1,486,564	194,883 <sup>1</sup>	843	10,446	1,989	-
3,367	145	120,610	- <sup>1</sup>	-	-	19,198	-
11,132	21,630	1,607,174	194,883 <sup>1</sup>	843	10,446	21,187	-
- <sup>1</sup>	1,447,501	4,602	44,629	194,677 <sup>1</sup>	1,989	10,446	-
5,136 <sup>1</sup>	165,391	239,908	5	-	-	267	-
1,290 <sup>1</sup>	98,912	1,074,834	-	-	-	3,084	-
6,426	1,711,804	1,319,344	44,634	194,677 <sup>1</sup>	1,989	13,797	-
436,283	11,124,067 <sup>1</sup>	10,451,433 <sup>1</sup>	1,322,232 <sup>1</sup>	383,269 <sup>1</sup>	807,323	3,803,017 <sup>1</sup>	34,624
-	265,482	34,939	151,430	-	-	53,227	4,228

Includes revised March statistics.

Electric Power Statistics  
April, 1957

Month	Daily Average		Total net generation	Imports from United States	Exports to United States	Total available for disposal in Canada
	Total net generation	Total available for disposal				
(Thousand kwh )						
January .....	261,692 <sup>1</sup>	252,445 <sup>1</sup>	8,112,466 <sup>1</sup>	64,939	350,610	7,826,795 <sup>1</sup>
February .....	261,334 <sup>1</sup>	249,125 <sup>1</sup>	7,317,339 <sup>1</sup>	31,221	373,060	6,975,500 <sup>1</sup>
March .....	252,360 <sup>1</sup>	239,644 <sup>1</sup>	7,823,161 <sup>1</sup>	19,464	413,659	7,428,966 <sup>1</sup>
April .....	250,892	236,766	7,526,767	27,696	451,498	7,102,965
May .....						
June .....						
July .....						
August .....						
September .....						
October .....						
November .....						
December .....						
Total .....						

Month	Net generation, 1957						
	Utilities			Industry			Grand total
	Hydro	Thermal	Total	Hydro	Thermal	Total	
				(Thousand kwh )			
January .....	5,662,916	632,830	6,295,746	1,655,728	160,992 <sup>1</sup>	1,816,720 <sup>1</sup>	8,112,466 <sup>1</sup>
February .....	5,166,252	527,507	5,693,759	1,467,458	156,122 <sup>1</sup>	1,623,580 <sup>1</sup>	7,317,339 <sup>1</sup>
March .....	5,641,265	504,383	6,145,648	1,509,745	167,768 <sup>1</sup>	1,677,513 <sup>1</sup>	7,823,161 <sup>1</sup>
April .....	5,443,329	421,023	5,864,352	1,508,712	153,703	1,622,415	7,526,767
May .....							
June .....							
July .....							
August .....							
September .....							
October .....							
November .....							
December .....							

Net generation, 1949-1956  
CANADA

Year and month	Utilities			Industry			Grand total
	Hydro	Thermal	Total	Hydro	Thermal	Total	
(Thousand kwh )							
1949 .....							
1950 .....							
1951 .....	2	2	2	2	2	2	2
1952 .....							
1953 .....							
1954 .....	52,113,854 <sup>1</sup>	3,174,454	55,288,308 <sup>1</sup>				
1955 .....	58,140,113 <sup>1</sup>	3,192,045 <sup>1</sup>	61,332,158 <sup>1</sup>				
1956 - Total .....	64,543,948 <sup>1</sup>	4,289,609 <sup>1</sup>	68,833,557 <sup>1</sup>				
January .....	5,247,829	380,562	5,628,391	n.a.	n.a.	n.a.	n.a.
February .....	4,994,013	367,204	5,361,217	"	"	"	"
March .....	5,226,788	378,686	5,605,474	"	"	"	"
April .....	5,163,158	292,440	5,455,598	"	"	"	"
May .....	5,544,701	263,270	5,807,971	"	"	"	"
June .....	5,329,027	239,164	5,568,191	"	"	"	"
July .....	5,259,887	274,847	5,534,734	"	"	"	"
August .....	5,363,505	313,487	5,676,992	"	"	"	"
September .....	5,381,964	346,895	5,728,859	"	"	"	"
October .....	5,752,508	426,817	6,179,325	"	"	"	"
November .....	5,537,637	488,369	6,026,006	"	"	"	"
December .....	5,683,941	518,026	6,201,967	"	"	"	"

1. Revised
2. Historical data to be shown in subsequent monthly reports.

# DOMINION BUREAU OF STATISTICS

OTTAWA - CANADA

*Published by Authority of the Hon. Gordon Churchill, Minister of Trade and Commerce*



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Memorandum  
UNIVERSITY OF TORONTO

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## ELECTRIC POWER STATISTICS (Central Electric Stations)

May, 1957

This report is the fifth of a revised monthly statistical series on electric power in Canada. It replaces "Central Electric Stations", which was a monthly compilation of the generation and distribution of electric power by firms which sold at least part of their electric power production. In the revised series certain firms which generate electricity solely for use in their own industry, mine, etc. with none for sale to the public have been included. These firms were excluded from the former Central Electric Stations series since none of their output was sold to the public, and in the revised series, their electric power generation has been classed as "generated by industry". To this "industrial" group has been added certain firms formerly included in the Central Electric Stations series. These firms include industrial producers with small amounts of electrical energy for sale. The remaining firms whose essential function is to sell electric energy have been classed as "Utilities" and their generation has been reported as "generated by utilities".

Statistics have been collected from only those firms which generate at least 10 million kilowatt hours per year. It is estimated, however, that the generation of these firms represents approximately 96 per cent of the total electricity production in Canada and consequently will reflect the growth of electric power generation more effectively than the previous series.

Total net generation as defined for the purpose of this series means total output less the amount used in station service; that is, the net amount available for domestic, commercial or industrial purposes. The amount of electric energy available for disposal in Canada is calculated by adding imports, and subtracting exports from the total net generation. These statistics on "Total available for disposal" in Canada and in the provinces were previously classed as "consumption". The classification "Used in electric boilers" replaces what was formerly termed "consumption secondary", although secondary consumption did contain a relatively small amount of energy used for purposes other than electric boilers.

In order to establish historical continuity, statistics are being compiled on the new basis back to 1949. The January report showed net generation statistics back to 1954 only, for utilities by province. Subsequent reports, however, will include earlier years for both utilities and industry where feasible and as compiled.

Total net generation in Canada in May, 1957 amounted to 7,617,749,000 kwh of which 5,940,271,000 kwh was produced by utilities and 1,677,478,000 kwh by industrial firms. This was an increase of 1.2 per cent from the April total net generation of 7,523,966,000 kwh. Utilities showed an increase of 1.3 per cent over the 5,864,352,000 kwh produced in April, while industries increased 1.1 per cent from 1,659,614,000 kwh. The amount produced by utilities was an increase of 132,300,000 kwh or 2.3 per cent over that produced in May of last year.

Of the total net generation for May, 1957, 93.1 per cent was generated by hydro while the balance was generated by thermal plants. Generation by hydro at 7,091,479,000 kwh was a 2.0 per cent increase over the April figures, while thermal generation at 526,270,000 kwh dropped by 8.1 per cent.

Of the provinces, Quebec was the largest producer of electric energy in May with a total of 3,130,443,000 kwh. Total net generation of the other provinces in order of production follows: Ontario - 2,641,082,000 kwh; British Columbia - 877,287,000; Manitoba - 286,636,000; Alberta - 185,635,000; Saskatchewan - 131,171,000; Newfoundland - 118,462,000; Nova Scotia - 116,175,000; New Brunswick - 115,640,000; Yukon and Northwest Territories - 10,867,000; and Prince Edward Island - 4,351,000 kwh.

Total imports of electric energy from the United States increased this month to 64,733,000 kwh from 27,701,000 kwh in April, while exports to the United States rose 1.9 per cent to 436,229,000 kwh. Total amount of electric energy available for disposal in Canada in May was 7,246,253,000 kwh or 1.7 per cent more than that available in April, and of this amount, 208,376,000 kwh was used in electric boilers, a 44.4 per cent increase over last month.

Prepared in the Transportation and Public Utilities Section.

8504-509-57

1. Revised



Electric Power Statistics  
May, 1957

	Canada	Newfoundland	Prince Edward Island	Nova Scotia
	(Thousand kwh )			
Generated by:				
Utilities - Hydro .....	5,557,863	86,636	-	49,026
- Thermal .....	382,408	148	4,351	54,320
- Total .....	5,940,271	86,784	4,351	103,346
Industry - Hydro .....	1,533,616	29,613	-	3,206
- Thermal .....	143,862	2,065	-	9,623
- Total .....	1,677,478	31,678	-	12,829
Total net generated .....	7,617,749	118,462	4,351	116,175
Energy imported:				
From other provinces .....	XXX	-	-	-
From United States .....	64,733	-	-	-
Total .....	64,733	-	-	-
Energy exported:				
To other provinces .....	XXX	3,911	-	654
To United States - primary .....	110,837	-	-	-
- secondary .....	325,392	-	-	-
Total .....	436,229	3,911	-	654
Total available for disposal in Canada .....	7,246,253	114,551	4,351	115,521
(includes interruptable and at will energy and energy used in electric boilers)				
Used in electric boilers .....	208,376	13,297	-	-

Cumulative totals, January - May

Generated by:				
Utilities - Hydro .....	27,471,625	425,127	-	246,411
- Thermal .....	2,468,151	1,352	22,935	317,948
- Total .....	29,939,776	426,479	22,935	564,359
Industry - Hydro .....	7,671,855	137,359	-	13,977
- Thermal .....	786,240 <sup>1</sup>	21,081	-	47,335
- Total .....	8,458,095 <sup>1</sup>	158,440	-	61,312
Total net generated .....	38,397,871 <sup>1</sup>	584,919	22,935	625,671
Energy imported:				
From other provinces .....	XXX	-	-	-
From United States .....	208,058	-	-	-
Total .....	208,058	-	-	-
Energy exported:				
To other provinces .....	XXX	21,000	-	3,696
To United States - primary .....	535,777 <sup>1</sup>	-	-	-
- secondary .....	1,417,982 <sup>1</sup>	-	-	-
Total .....	1,953,759 <sup>1</sup>	21,000	-	3,696
Total available for disposal in Canada .....	36,652,170 <sup>1</sup>	563,919	22,935	621,975
(includes interruptable and at will energy and energy used in electric boilers)				
Used in electric boilers .....	761,127	56,742	-	-

1. Includes revised April statistics.

Electric Power Statistics  
May, 1957

New Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Yukon and N.W.T.
(Thousand kwh )							
58,618	2,289,030	2,375,917	286,636	41,538	68,117	297,251	5,094
25,656	6	90,380	-	86,803	110,956	9,634	154
84,274	2,289,036	2,466,297	286,636	128,341	179,073	306,885	5,248
10,085	824,333	122,681	-	-	-	538,079	5,619
21,281	17,074	52,104	-	2,830	6,562	32,323	-
31,366	841,407	174,785	-	2,830	6,562	570,402	5,619
115,640	3,130,443	2,641,082	286,636	131,171	185,635	877,287	10,867
1,795	4,881	379,212	44,175	161	1,156	401	-
140	32	18,640	-	-	-	45,921	-
1,935	4,913	397,852	44,175	161	1,156	46,322	-
-	358,065	991	22,449	44,154	401	1,156	-
3,705	44,232	62,812	2	-	-	86	-
1,073	3,164	321,056	-	-	-	99	-
4,778	405,461	384,859	22,451	44,154	401	1,341	-
112,797	2,729,895	2,654,075	308,360	87,178	186,390	922,268	10,867
89	124,206	25,827	38,836	-	-	5,214	907

Cumulative totals, January - May

174,774	11,554,252	11,220,469	1,457,264	231,660	311,538	1,824,022	26,108
210,596	1,047	743,844	1,355	464,852	640,302	63,151	769
385,370	11,555,299	11,964,313	1,458,619	696,512	951,840	1,887,173	26,877
25,570	4,300,066	575,340	-	-	-	2,600,929	18,614
136,277	87,280 <sup>1</sup>	265,032	-	11,762	32,661	184,812	-
161,847	4,387,346 <sup>1</sup>	840,372	-	11,762	32,661	2,785,741	18,614
547,217	15,942,645 <sup>1</sup>	12,804,685	1,458,619	708,274	984,501	4,672,914	45,491
9,560	26,366	1,975,991 <sup>1</sup>	239,058	1,004	11,602	2,390	-
3,507	177	139,255	-	-	-	65,119	-
13,067	26,543	2,115,246 <sup>1</sup>	239,058	1,004	11,602	67,509	-
-	1,915,781 <sup>1</sup>	5,593	67,078	238,831	2,390	11,602	-
8,841	223,856 <sup>1</sup>	302,720	7	-	-	353	-
2,363	16,546 <sup>1</sup>	1,395,890	-	-	-	3,183	-
11,204	2,156,183 <sup>1</sup>	1,704,203	67,085	238,831	2,390	15,138	-
549,080	13,813,005	13,215,728 <sup>1</sup>	1,630,592	470,447	993,713	4,725,285	45,491
89	389,688	60,766	190,266	-	-	58,441	5,135

<sup>1</sup> Includes revised April statistics.

Electric Power Statistics

May, 1957

Month	Daily Average		Total net generation	Imports from United States	Exports to United States	Total available for disposal in Canada
	Total net generation	Total available for disposal				
(Thousand kwh )						
January .....	261,718 <sup>1</sup>	252,503 <sup>1</sup>	8,113,273 <sup>1</sup>	64,939	350,610	7,827,602 <sup>1</sup>
February .....	261,378 <sup>1</sup>	250,002 <sup>1</sup>	7,318,572 <sup>1</sup>	31,221	349,741 <sup>1</sup>	7,000,052 <sup>1</sup>
March .....	252,397 <sup>1</sup>	240,743 <sup>1</sup>	7,824,311 <sup>1</sup>	19,464	389,110 <sup>1</sup>	7,454,665 <sup>1</sup>
April .....	250,799 <sup>1</sup>	237,453 <sup>1</sup>	7,523,966 <sup>1</sup>	27,701 <sup>1</sup>	428,069 <sup>1</sup>	7,123,598 <sup>1</sup>
May .....	245,734	233,750	7,617,749	64,733	436,229	7,246,253
June .....						
July .....						
August .....						
September .....						
October .....						
November .....						
December .....						
Total .....						

Month	Net generation 1957						
	Utilities			Industry			Grand total
	Hydro	Thermal	Total	Hydro	Thermal	Total	
				(Thousand kwh )			
January .....	5,662,916	632,830	6,295,746	1,654,555 <sup>1</sup>	162,972 <sup>1</sup>	1,817,527 <sup>1</sup>	8,113,273 <sup>1</sup>
February .....	5,166,252	527,507	5,693,759	1,466,697 <sup>1</sup>	158,116 <sup>1</sup>	1,624,813 <sup>1</sup>	7,318,572 <sup>1</sup>
March .....	5,641,265	504,383	6,145,648	1,509,030 <sup>1</sup>	169,633 <sup>1</sup>	1,678,663 <sup>1</sup>	7,824,311 <sup>1</sup>
April .....	5,443,329	421,023	5,864,352	1,507,957 <sup>1</sup>	151,657 <sup>1</sup>	1,659,614 <sup>1</sup>	7,523,966 <sup>1</sup>
May .....	5,557,863	382,408	5,940,271	1,533,616	143,862	1,677,478	7,617,749
June .....							
July .....							
August .....							
September .....							
October .....							
November .....							
December .....							

Net generation, 1949-1956  
CANADA

Year and month	Utilities			Industry			Grand total
	Hydro	Thermal	Total	Hydro	Thermal	Total	
				(Thousand kwh )			
1949 .....							
1950 .....							
1951 .....	2	2	2	2	2	2	2
1952 .....							
1953 .....							
1954 .....	52,113,854 <sup>1</sup>	3,174,454	55,288,308 <sup>1</sup>				
1955 .....	58,140,113 <sup>1</sup>	3,192,045	61,332,158 <sup>1</sup>				
1956 - Total .....	64,543,948 <sup>1</sup>	4,289,609	68,833,557 <sup>1</sup>				
January .....	5,247,829	380,562	5,628,391	n.a.	n.a.	n.a.	n.a.
February .....	4,994,013	367,204	5,361,217	"	"	"	"
March .....	5,226,788	378,686	5,605,474	"	"	"	"
April .....	5,163,158	292,440	5,455,598	"	"	"	"
May .....	5,544,701	263,270	5,807,971	"	"	"	"
June .....	5,329,027	239,164	5,568,191	"	"	"	"
July .....	5,259,887	274,847	5,534,734	"	"	"	"
August .....	5,363,505	313,487	5,676,992	"	"	"	"
September .....	5,381,964	346,895	5,728,859	"	"	"	"
October .....	5,752,508	426,817	6,179,325	"	"	"	"
November .....	5,537,637	488,369	6,026,006	"	"	"	"
December .....	5,683,941	518,026	6,201,967	"	"	"	"

1. Revised.

2. Historical data to be shown in subsequent monthly reports



# DOMINION BUREAU OF STATISTICS

OTTAWA - CANADA

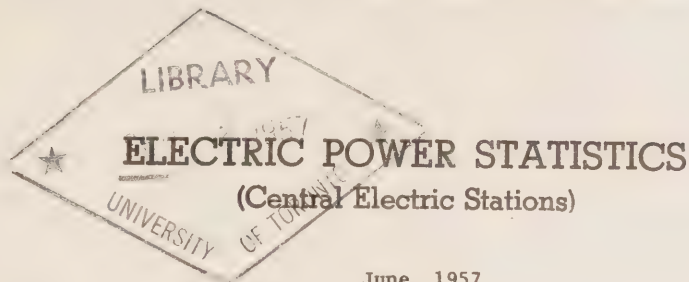
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Vol. 25 No. 6

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June, 1957

This report is the sixth of a revised monthly statistical series on electric power in Canada. It replaces "Central Electric Stations", which was a monthly compilation of the generation and distribution of electric power by firms which sold at least part of their electric power production. In the revised series certain firms which generate electricity solely for use in their own industry, mine, etc. with none for sale to the public have been included. These firms were excluded from the former Central Electric Stations series since none of their output was sold to the public, and in the revised series, their electric power generation has been classed as "generated by industry". To this "industrial" group has been added certain firms formerly included in the Central Electric Stations series. These firms include industrial producers with small amounts of electrical energy for sale. The remaining firms whose essential function is to sell electric energy have been classed as "Utilities" and their generation has been reported as "generated by utilities".

Statistics have been collected from only those firms which generate at least 10 million kilowatt hours per year. It is estimated, however, that the generation of these firms represents approximately 96 per cent of the total electricity production in Canada and consequently will reflect the growth of electric power generation more effectively than the previous series.

Total net generation as defined for the purpose of this series means total output less the amount used in station service; that is, the net amount available for domestic, commercial or industrial purposes. The amount of electric energy available for disposal in Canada is calculated by adding imports, and subtracting exports from the total net generation. These statistics on "Total available for disposal" in Canada and in the provinces were previously classed as "consumption". The classification "Used in electric boilers" replaces what was formerly termed "consumption secondary", although secondary consumption did contain a relatively small amount of energy used for purposes other than electric boilers.

In order to establish historical continuity, statistics have been compiled on the new basis back to 1949. These comprise net generation totals for utilities and industry, by province, and appear as a special supplement in the June 1957 report. Although presented for utilities, monthly 1956 net generation figures are not available for industry.

Total net generation in Canada in June, 1957, amounted to 6,797,884,000 kwh of which 5,508,355,000 kwh were produced by utilities and 1,289,529,000 by industrial firms. Generation by utilities declined 7.3 per cent from the May total of 5,940,271,000 kwh while the amount produced by industries fell 23.1 per cent from 1,677,478,000 kwh resulting in an overall decrease of 10.8 per cent from the May total of 7,617,749,000 kwh.

Hydro plants were responsible for 92.2 per cent of June generation, the balance being generated by thermal plants. At 6,270,188,000 kwh, hydro generation was down 11.6 per cent from the previous month. Thermal generation, on the other hand, increased .3 per cent to 527,696,000 kwh.

Quebec continued to lead the provinces in production of electric energy with a June total of 630,056,000 kwh. Totals for other provinces and the territories in order of production are as follows: Ontario - 2,442,692,000 kwh; British Columbia - 814,935,000; Manitoba - 256,450,000; Alberta - 180,678,000; Saskatchewan - 127,690,000; New Brunswick - 116,245,000; Nova Scotia - 112,905,000; Newfoundland - 102,19,000; Yukon and Northwest Territories - 9,661,000 and Prince Edward Island - 4,153,000 kwh.

Total imports of electric energy from the United States increased this month to 95,110,000 kwh from 64,733,000 kwh in May, while exports to the United States decreased 8.2 per cent to 400,519,000 kwh. Total amount of electric energy available for disposal in Canada in June was 6,492,475,000 kwh or 10.4 per cent less than that available in May; of this amount, 93,686,000 kwh were used in electric boilers, a decrease of 55.0 per cent from last month.

.B. - HISTORICAL DATA 1949-56 PRESENTED IN THIS REPORT.

Prepared in the Transportation and Public Utilities Section

504-509-67

Electric Power Statistics

June, 1957

	Canada	Newfoundland	Prince Edward Island	Nova Scotia
	(Thousand kwh )			
Generated by:				
Utilities - Hydro .....	5,121,441	71,746	-	36,688
- Thermal .....	386,914	208	4,153	64,403
- Total .....	5,508,355	71,954	4,153	101,091
Industry - Hydro .....	1,148,747	28,465	-	2,760
- Thermal .....	140,782	2,000	-	9,054
- Total .....	1,289,529	30,465	-	11,814
Total net generated .....	6,797,884	102,419	4,153	112,905
Energy imported:				
From other provinces .....	XXX	-	-	-
From United States .....	95,110	-	-	-
Total .....	95,110	-	-	-
Energy exported:				
To other provinces .....	XXX	2,936	-	582
To United States - primary .....	92,491	-	-	-
- secondary .....	308,028	-	-	-
Total .....	400,519	2,936	-	582
Total available for disposal in Canada .....	6,492,475	99,483	4,153	112,323
(includes interruptable and at will energy and energy used in electric boilers)				
Used in electric boilers .....	93,686	2,773	-	-

Cumulative totals, January - June

Generated by:				
Utilities - Hydro .....	32,593,066	496,873	-	283,099
- Thermal .....	2,855,065	1,560	27,088	382,351
- Total .....	35,448,131	498,433	27,088	665,450
Industry - Hydro .....	8,820,602	165,824	-	16,737
- Thermal .....	927,022	23,081	-	56,389
- Total .....	9,747,624	188,905	-	73,126
Total net generated .....	45,195,755	687,338	27,088	738,576
Energy imported:				
From other provinces .....	XXX	-	-	-
From United States .....	303,168	-	-	-
Total .....	3,259,540	-	-	-
Energy exported:				
To other provinces .....	XXX	23,936	-	4,278
To United States - primary .....	628,268	-	-	-
- secondary .....	1,726,010	-	-	-
Total .....	5,310,650	23,936	-	4,278
Total available for disposal in Canada .....	43,144,645	663,402	27,088	734,298
(includes interruptable and at will energy and energy used in electric boilers)				
Used in electric boilers .....	854,813	59,515	-	-

1. Includes 40,898,000 kwh generated in Quebec.

Electric Power Statistics  
June, 1957.

New Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Yukon and N.W.T.
(Thousand kwh )							
52,396	2,133,057	2,174,421	256,431	42,056	82,214	267,716	4,716
28,962	280	105,249	19	83,234	91,452	8,825	129
81,358	2,133,337	2,279,670	256,450	125,290	173,666	276,541	4,845
9,303	481,453	115,404	-	-	-	506,546	4,816
25,584	15,266	47,618	-	2,400	7,012	31,848	-
34,887	496,719	163,022	-	2,400	7,012	538,394	4,816
116,245	2,630,056	2,442,692	256,450	127,690	180,678	814,935	9,661
1,640	3,909	416,191	43,841	165	733	179	-
17	32	23,775	-	-	-	71,286	-
1,657	3,941	439,966	43,841	165	733	71,465	-
-	399,865	1,042	17,549	43,772	179	733	-
3,479	414	88,512	2	-	-	84	-
1,143	4,765	302,012	-	-	-	108	-
4,622	405,044	391,566 <sup>1</sup>	17,551	43,772	179	925	-
113,280	2,228,953	2,491,092	282,740	84,083	181,232	885,475	9,661
-	49,919	17,971	21,007	-	-	1,310	706

Cumulative totals, January - June

227,170	13,687,309	13,394,890	1,713,695	273,716	393,752	2,091,738	30,824
239,558	1,327	849,093	1,374	548,086	731,754	71,976	898
466,728	13,688,636	14,243,983	1,715,069	821,802	1,125,506	2,163,714	31,722
34,873	4,781,519	690,744	-	-	-	3,107,475	23,430
161,861	102,546	312,650	-	14,162	39,673	216,660	-
196,734	4,884,065	1,003,394	-	14,162	39,673	3,324,135	23,430
663,462	18,572,701	15,247,377	1,715,069	835,964	1,165,179	5,487,849	55,152
11,200	30,475	2,615,925	282,899	1,169	12,335	2,569	-
3,524	209	163,030	-	-	-	136,405	-
14,724	30,484	2,778,955	282,899	1,169	12,335	138,974	-
-	2,539,389	6,635	84,627	282,603	2,569	12,335	-
12,320	2,186	613,316	9	-	-	437	-
3,506	21,311	1,697,902	-	-	-	3,291	-
15,826	2,562,886	2,317,853 <sup>1</sup>	84,636	282,603	2,569	16,063	-
662,360	16,040,299	15,708,479	1,913,332	554,530	1,174,945	5,610,760	55,152
89	439,607	78,737	211,273	-	-	59,751	5,841



Electric Power Statistics

June, 1957.

Month	Daily Average		Total net generation	Imports from United States	Exports to United States	Total available for disposal in Canada
	Total net generation	Total available for disposal				
	(Thousand kwh )					
January .....	261,718	252,503	8,113,273	64,939	350,610	7,827,602
February .....	261,378	250,002	7,318,572	31,221	349,741	7,000,052
March .....	252,397	240,743	7,824,311	19,464	389,110	7,454,665
April .....	250,799	237,453	7,523,966	27,701	428,069	7,123,598
May .....	245,734	233,750	7,617,749	64,733	436,229	7,246,253
June .....	226,596	216,416	6,797,884	95,110	400,519	6,492,475
July .....						
August .....						
September .....						
October .....						
November .....						
December .....						
Total .....						

Month	Net generation 1957						
	Utilities			Industry			Grand total
	Hydro	Thermal	Total	Hydro	Thermal	Total	
	(Thousand kwh )						
January .....	5,662,916	632,830	6,295,746	1,654,555	162,972	1,817,527	8,113,273
February .....	5,166,252	527,507	5,693,759	1,466,697	158,116	1,624,813	7,318,572
March .....	5,641,265	504,383	6,145,648	1,509,030	169,633	1,678,663	7,824,311
April .....	5,443,329	421,023	5,864,352	1,507,957	151,657	1,659,614	7,523,966
May .....	5,557,863	382,408	5,940,271	1,533,616	143,862	1,677,478	7,617,749
June .....	5,121,441	386,914	5,508,355	1,148,747	140,782	1,289,529	6,797,884
July .....							
August .....							
September .....							
October .....							
November .....							
December .....							

Net generation, 1949-1956<sup>1</sup>  
CANADA

Year and month	Utilities			Industry			Grand total
	Hydro	Thermal	Total	Hydro	Thermal	Total	
	(Thousand kwh )						
1949 .....	36,204,809	1,390,562	37,595,371	n.a.	n.a.	12,889,749	50,485,120
1950 .....	39,783,365	1,647,557	41,430,922	"	"	13,428,593	54,859,515
1951 .....	46,322,206	1,732,652	48,054,858	"	"	13,369,527	61,424,385
1952 .....	49,618,513	2,222,115	51,840,628	"	"	14,086,950	65,927,578
1953 .....	49,542,536	3,797,345	53,339,881	"	"	16,400,824	69,740,705
1954 .....	52,155,854	3,178,434	55,334,288	"	"	17,547,555	72,881,843
1955 .....	58,444,886	3,197,153	61,642,039	"	"	18,381,161	80,023,200
1956 - Total .....	64,551,948	4,292,898	68,844,846	"	"	19,119,968	87,964,814
January .....	5,253,744	380,823	5,634,567	"	"	n.a.	n.a.
February .....	4,999,928	367,465	5,367,393	"	"	"	"
March .....	5,232,703	378,947	5,611,650	"	"	"	"
April .....	5,168,073	292,701	5,460,774	"	"	"	"
May .....	5,549,616	263,531	5,813,147	"	"	"	"
June .....	5,334,952	239,425	5,574,377	"	"	"	"
July .....	5,265,802	275,108	5,540,910	"	"	"	"
August .....	5,368,420	313,748	5,682,168	"	"	"	"
September .....	5,387,879	347,156	5,735,035	"	"	"	"
October .....	5,758,423	427,078	6,185,501	"	"	"	"
November .....	5,543,552	488,630	6,032,182	"	"	"	"
December .....	5,688,856	518,286	6,207,142	"	"	"	"

1. Revised

Electric Power Statistics

June, 1957.

Net generation, 1949-1956

NEWFOUNDLAND

Year and month	Utilities			Industry			Grand total
	Hydro	Thermal	Total	Hydro	Thermal	Total	
(Thousand kwh)							
1949 .....	6,225	-	6,225	n.a.	n.a.	933,271	939,496
1950 .....	79,000	-	79,000	"	"	975,492	1,054,492
1951 .....	106,185	71	106,256	"	"	925,598	1,031,854
1952 .....	126,278	42	126,320	"	"	1,036,274	1,162,594
1953 .....	152,400	85	152,485	"	"	1,033,038	1,185,523
1954 .....	191,357	1,106	192,463	"	"	1,029,566	1,222,029
1955 .....	919,173	1,501	920,674	"	"	383,534	1,304,208
1956 - Total .....	1,006,825	2,418	1,009,243	"	"	345,562	1,354,805
January .....	83,940	164	84,104	"	"	n.a.	n.a.
February .....	86,788	145	86,933	"	"	"	"
March .....	81,247	144	81,391	"	"	"	"
April .....	89,691	132	89,823	"	"	"	"
May .....	88,680	129	88,809	"	"	"	"
June .....	83,605	119	83,724	"	"	"	"
July .....	80,868	209	81,077	"	"	"	"
August .....	87,090	159	87,249	"	"	"	"
September .....	84,625	433	85,058	"	"	"	"
October .....	82,544	232	82,776	"	"	"	"
November .....	78,114	290	78,404	"	"	"	"
December .....	79,633	262	79,895	"	"	"	"

PRINCE EDWARD ISLAND

1949 .....	116	25,621	25,737	n.a.	n.a.	nil	25,737
1950 .....	84	30,916	31,000	"	"	"	31,000
1951 .....	132	33,868	34,000	"	"	"	34,000
1952 .....	118	36,882	37,000	"	"	"	37,000
1953 .....	18	40,982	41,000	"	"	"	41,000
1954 .....	152	45,848	46,000	"	"	"	46,000
1955 .....	43	50,957	51,000	"	"	"	51,000
1956 - Total .....	-	53,000	53,000	"	"	"	53,000
January .....	-	3,807	3,807	"	"	n.a.	n.a.
February .....	-	3,737	3,737	"	"	"	"
March .....	-	4,123	4,123	"	"	"	"
April .....	-	3,969	2,969	"	"	"	"
May .....	-	4,123	4,123	"	"	"	"
June .....	-	4,026	4,026	"	"	"	"
July .....	-	4,228	4,228	"	"	"	"
August .....	-	5,390	5,390	"	"	"	"
September .....	-	4,380	4,380	"	"	"	"
October .....	-	4,767	4,767	"	"	"	"
November .....	-	5,146	5,146	"	"	"	"
December .....	-	5,304	5,304	"	"	"	"

NOVA SCOTIA

1949 .....	353,035	221,999	575,034	n.a.	n.a.	280,922	855,956
1950 .....	365,784	257,967	623,751	"	"	288,627	912,378
1951 .....	457,679	315,932	773,611	"	"	254,399	1,028,010
1952 .....	448,180	439,964	888,144	"	"	212,406	1,100,550
1953 .....	473,496	501,013	974,509	"	"	223,828	1,198,337
1954 .....	538,236	535,735	1,073,971	"	"	190,761	1,264,732
1955 .....	481,571	700,529	1,182,100	"	"	173,227	1,355,327
1956 - Total .....	546,214	760,409	1,306,623	"	"	157,942	1,464,565
January .....	51,655	60,391	112,046	"	"	n.a.	n.a.
February .....	52,099	53,911	106,010	"	"	"	"
March .....	56,350	55,569	111,919	"	"	"	"
April .....	56,075	48,716	104,791	"	"	"	"
May .....	55,382	50,217	105,599	"	"	"	"
June .....	45,898	57,100	102,998	"	"	"	"
July .....	31,137	69,637	100,774	"	"	"	"
August .....	36,441	68,922	105,363	"	"	"	"
September .....	34,369	70,078	104,447	"	"	"	"
October .....	36,161	79,390	115,551	"	"	"	"
November .....	38,723	77,454	116,177	"	"	"	"
December .....	51,924	69,024	120,948	"	"	"	"

Electric Power Statistics

June, 1957.

Net generation, 1949-1956

NEW BRUNSWICK

Year and month	Utilities			Industry			Grand total
	Hydro	Thermal	Total	Hydro	Thermal	Total	
				(Thousand kwh)			
1949 .....	437,176	226,964	664,140	n.a.	n.a.	276,905	941,045
1950 .....	470,211	249,266	719,477	"	"	298,405	1,017,882
1951 .....	507,581	270,610	778,191	"	"	291,891	1,070,082
1952 .....	446,039	310,715	756,754	"	"	305,548	1,062,302
1953 .....	467,051	273,237	740,288	"	"	310,757	1,051,045
1954 .....	647,865	195,417	843,282	"	"	330,357	1,173,639
1955 .....	517,128	302,667	819,795	"	"	408,954	1,228,749
1956 - Total .....	458,180	395,507	853,687	"	"	397,256	1,250,943
January .....	27,443	30,460	57,903	"	"	n.a.	n.a.
February .....	24,578	34,347	58,925	"	"	"	"
March .....	21,886	39,484	61,370	"	"	"	"
April .....	48,000	23,309	71,309	"	"	"	"
May .....	60,785	16,128	76,913	"	"	"	"
June .....	54,606	19,896	74,502	"	"	"	"
July .....	44,671	31,961	76,632	"	"	"	"
August .....	37,789	36,105	73,894	"	"	"	"
September .....	31,150	36,854	68,004	"	"	"	"
October .....	38,769	40,487	79,256	"	"	"	"
November .....	33,980	41,880	75,860	"	"	"	"
December .....	34,523	44,596	79,119	"	"	"	"

QUEBEC

1949 .....	18,816,677	1,324	18,818,001	n.a.	n.a.	7,501,643	26,319,644
1950 .....	20,486,568	730	20,487,298	"	"	7,744,482	28,231,780
1951 .....	22,882,415	2,136	22,884,551	"	"	7,664,484	30,549,035
1952 .....	24,645,306	1,800	24,647,106	"	"	8,207,580	32,854,686
1953 .....	24,396,949	7,093	24,404,042	"	"	10,266,935	34,670,977
1954 .....	24,295,591	11,789	24,307,380	"	"	10,701,132	35,008,512
1955 .....	24,404,054	13,176	24,417,230	"	"	10,902,662	35,319,892
1956 - Total .....	27,198,428	4,329	27,202,757	"	"	10,457,514	37,660,271
January .....	2,172,163	1,028	2,173,191	"	"	n.a.	n.a.
February .....	2,101,323	692	2,102,015	"	"	"	"
March .....	2,200,068	893	2,200,961	"	"	"	"
April .....	2,123,692	264	2,123,956	"	"	"	"
May .....	2,296,084	54	2,296,138	"	"	"	"
June .....	2,222,530	40	2,222,570	"	"	"	"
July .....	2,200,172	66	2,200,238	"	"	"	"
August .....	2,322,811	92	2,322,903	"	"	"	"
September .....	2,290,267	42	2,290,309	"	"	"	"
October .....	2,436,228	193	2,436,421	"	"	"	"
November .....	2,382,473	658	2,383,131	"	"	"	"
December .....	2,450,617	307	2,450,924	"	"	"	"

ONTARIO

1949 .....	11,650,926	21,352	11,672,278	n.a.	n.a.	1,653,315	13,325,593
1950 .....	12,736,447	107,500	12,843,947	"	"	1,738,181	14,582,128
1951 .....	16,211,231	90,483	16,301,714	"	"	1,781,822	18,083,536
1952 .....	17,147,374	416,012	17,563,386	"	"	1,811,613	19,374,999
1953 .....	16,672,376	1,767,181	18,439,557	"	"	1,814,732	20,254,289
1954 .....	18,785,096	962,903	19,747,999	"	"	1,833,174	21,581,173
1955 .....	23,722,368	416,200	24,138,568	"	"	1,909,621	26,048,189
1956 - Total .....	26,393,916	956,922	27,350,838	"	"	1,969,783	29,320,621
January .....	2,105,233	93,453	2,198,686	"	"	n.a.	n.a.
February .....	1,950,095	99,264	2,049,359	"	"	"	"
March .....	2,074,800	101,320	2,176,120	"	"	"	"
April .....	2,121,035	58,998	2,180,033	"	"	"	"
May .....	2,335,975	27,601	2,363,576	"	"	"	"
June .....	2,260,606	20,128	2,280,734	"	"	"	"
July .....	2,266,785	29,781	2,296,566	"	"	"	"
August .....	2,199,794	48,867	2,248,661	"	"	"	"
September .....	2,239,995	75,756	2,315,751	"	"	"	"
October .....	2,362,627	115,472	2,478,099	"	"	"	"
November .....	2,221,995	146,094	2,368,089	"	"	"	"
December .....	2,254,976	140,188	2,395,164	"	"	"	"



Electric Power Statistics

June, 1957.

Net generation, 1949-1956

MANITOBA

Year and month	Utilities			Industry			Grand total
	Hydro	Thermal	Total	Hydro	Thermal	Total	
				(Thousand kwh)			
1949 .....	2,163,615	35	2,163,650	n.a.	n.a.	nil	2,163,650
1950 .....	2,452,596	126	2,452,722	"	"	"	2,452,722
1951 .....	2,561,549	26	2,561,575	"	"	"	2,561,575
1952 .....	2,695,706	23	2,695,729	"	"	"	2,695,729
1953 .....	2,790,158	1,311	2,791,469	"	"	"	2,791,469
1954 .....	2,933,314	3,890	2,937,204	"	"	"	2,937,204
1955 .....	3,100,691	1,132	3,101,823	"	"	"	3,101,823
1956 - Total .....	3,331,119	375	3,331,494	"	"	"	3,331,494
January .....	312,654	13	312,667	"	"	n.a.	n.a.
February .....	299,946	173	300,119	"	"	"	"
March .....	314,070	-	314,070	"	"	"	"
April .....	285,778	-	285,778	"	"	"	"
May .....	283,220	-	283,220	"	"	"	"
June .....	231,477	2	231,479	"	"	"	"
July .....	216,147	-	216,147	"	"	"	"
August .....	241,111	-	241,111	"	"	"	"
September .....	261,886	-	261,886	"	"	"	"
October .....	285,782	118	285,900	"	"	"	"
November .....	290,962	-	290,962	"	"	"	"
December .....	308,086	69	308,155	"	"	"	"

SASKATCHEWAN

1949 .....	491,570	349,003	840,573	n.a.	n.a.	1,354	841,927
1950 .....	500,721	387,142	887,863	"	"	1,580	889,443
1951 .....	516,142	452,223	968,365	"	"	16,018	984,383
1952 .....	543,411	524,386	1,067,797	"	"	33,177	1,100,974
1953 .....	551,505	609,914	1,161,419	"	"	34,917	1,196,336
1954 .....	559,300	721,173	1,280,473	"	"	34,109	1,314,582
1955 .....	569,401	839,817	1,409,218	"	"	36,483	1,445,701
1956 - Total .....	555,465	981,482	1,536,947	"	"	32,284	1,569,231
January .....	48,949	89,203	138,152	"	"	n.a.	n.a.
February .....	46,817	81,069	127,886	"	"	"	"
March .....	48,540	81,977	130,517	"	"	"	"
April .....	46,606	74,796	121,402	"	"	"	"
May .....	46,179	75,649	121,828	"	"	"	"
June .....	41,562	72,886	114,448	"	"	"	"
July .....	43,255	72,581	115,836	"	"	"	"
August .....	45,283	77,321	122,604	"	"	"	"
September .....	43,978	77,674	121,652	"	"	"	"
October .....	47,002	85,607	132,609	"	"	"	"
November .....	47,954	90,185	138,139	"	"	"	"
December .....	49,340	102,534	151,874	"	"	"	"

ALBERTA

1949 .....	362,227	430,282	792,509	n.a.	n.a.	-	792,509
1950 .....	339,291	518,091	857,382	"	"	-	857,382
1951 .....	499,034	484,998	984,032	"	"	-	984,032
1952 .....	757,863	387,658	1,145,521	"	"	-	1,145,521
1953 .....	795,368	502,920	1,298,288	"	"	12,856	1,311,144
1954 .....	854,896	629,940	1,484,836	"	"	65,151	1,549,987
1955 .....	932,682	773,864	1,706,546	"	"	81,134	1,787,680
1956 - Total .....	975,357	1,020,789	1,996,146	"	"	80,307	2,076,453
January .....	96,774	90,050	186,824	"	"	n.a.	n.a.
February .....	88,739	81,576	170,315	"	"	"	"
March .....	88,139	80,640	168,779	"	"	"	"
April .....	74,059	75,870	149,929	"	"	"	"
May .....	66,082	83,214	149,296	"	"	"	"
June .....	90,490	57,737	148,227	"	"	"	"
July .....	90,226	59,974	150,200	"	"	"	"
August .....	89,631	69,742	159,373	"	"	"	"
September .....	85,851	73,054	158,905	"	"	"	"
October .....	81,609	90,320	171,929	"	"	"	"
November .....	63,524	115,297	178,821	"	"	"	"
December .....	60,233	143,315	203,548	"	"	"	"

Electric Power Statistics

June, 1957

Net generation, 1949-1956

BRITISH COLUMBIA

Year and month	Utilities			Industry			Grand total
	Hydro	Thermal	Total	Hydro	Thermal	Total	
				(Thousand kwh)			
1949 .....	1,923,242	113,982	2,037,224	n.a.	n.a.	2,190,820	4,228,044
1950 .....	2,336,663	95,819	2,432,482	"	"	2,326,971	4,759,453
1951 .....	2,562,258	82,305	2,644,563	"	"	2,382,685	5,027,248
1952 .....	2,788,938	104,633	2,893,571	"	"	2,427,400	5,320,971
1953 .....	3,208,215	93,609	3,301,824	"	"	2,650,727	5,952,551
1954 .....	3,308,047	70,633	3,378,680	"	"	3,310,920	6,689,600
1955 .....	3,740,210	96,340	3,836,550	"	"	4,432,146	8,268,696
1956 - Total .....	4,029,231	116,441	4,145,672	"	"	5,628,084	9,773,756
January .....	349,413	12,148	361,561	"	"	n.a.	n.a.
February .....	344,387	12,456	356,843	"	"	"	"
March .....	342,315	14,705	357,020	"	"	"	"
April .....	318,274	6,565	324,839	"	"	"	"
May .....	312,527	6,335	318,862	"	"	"	"
June .....	300,254	7,408	307,662	"	"	"	"
July .....	288,685	6,587	295,272	"	"	"	"
August .....	303,990	7,061	311,051	"	"	"	"
September .....	311,644	8,789	320,433	"	"	"	"
October .....	383,146	10,386	393,532	"	"	"	"
November .....	380,616	11,488	392,104	"	"	"	"
December .....	393,980	12,513	406,493	"	"	"	"

YUKON AND NORTHWEST TERRITORIES

1949 .....	n.a.	n.a.	n.a.	n.a.	n.a.	51,519	51,519
1950 .....	16,000	-	16,000	"	"	54,855	70,855
1951 .....	18,000	-	18,000	"	"	52,630	70,630
1952 .....	19,300	-	19,300	"	"	52,952	72,252
1953 .....	35,000	-	35,000	"	"	53,034	88,034
1954 .....	42,000	-	42,000	"	"	52,385	94,385
1955 .....	51,565	970	58,535	"	"	53,400	111,935
1956 - Total .....	57,213	1,226	58,439	"	"	51,236	109,675
January .....	5,520	106	5,626	"	"	n.a.	n.a.
February .....	5,156	95	5,251	"	"	"	"
March .....	5,288	92	5,380	"	"	"	"
April .....	4,863	82	4,945	"	"	"	"
May .....	4,702	81	4,783	"	"	"	"
June .....	3,924	83	4,007	"	"	"	"
July .....	3,856	84	3,940	"	"	"	"
August .....	4,480	89	4,569	"	"	"	"
September .....	4,114	96	4,210	"	"	"	"
October .....	4,555	106	4,661	"	"	"	"
November .....	5,111	158	5,349	"	"	"	"
December .....	5,544	174	5,718	"	"	"	"



Vol. 25 No. 7

## ELECTRIC POWER STATISTICS

(Central Electric Stations)

Price: \$1.00 per year

July, 1957

This report is the seventh of a revised monthly statistical series on electric power in Canada. It replaces "Central Electric Stations", which was a monthly compilation of the generation and distribution of electric power by firms which sold at least part of their electric power production. In the revised series certain firms which generate electricity solely for use in their own industry, mine, etc. with none for sale to the public have been included. These firms were excluded from the former Central Electric Stations series since none of their output was sold to the public, and in the revised series, their electric power generation has been classed as "generated by industry". To this "industrial" group has been added certain firms formerly included in the Central Electric Stations series. These firms include industrial producers with small amounts of electrical energy for sale. The remaining firms whose essential function is to sell electric energy have been classed as "Utilities" and their generation has been reported as "generated by utilities".

Statistics have been collected from only those firms which generate at least 10 million kilowatt hours per year. It is estimated, however, that the generation of these firms represents approximately 96 per cent of the total electricity production in Canada and consequently will reflect the growth of electric power generation more effectively than the previous series.

Total net generation as defined for the purpose of this series means total output less the amount used in station service; that is, the net amount available for domestic, commercial or industrial purposes. The amount of electric energy available for disposal in Canada is calculated by adding imports, and subtracting exports from the total net generation. These statistics on "Total available for disposal" in Canada and in the provinces were previously classed as "consumption". The classification "Used in electric boilers" replaces what was formerly termed "consumption secondary", although secondary consumption did contain a relatively small amount of energy used for purposes other than electric boilers.

In order to establish historical continuity, statistics have been compiled on the new basis back to 1949. These comprise net generation totals for utilities and industry, by province, and appear as a special supplement in the June 1957 report. Although presented for utilities, monthly 1956 net generation figures are not available for industry.

Total net generation in Canada in July, 1957, amounted to 7,145,334,000 kwh of which 5,852,337,000 kwh were produced by utilities and 1,292,997,000 kwh by industrial firms. Generation by utilities increased 6.2 per cent from the June total of 5,508,355,000 kwh while the amount produced by industries rose .3 per cent from 1,289,529,000 kwh resulting in an overall increase of 5.1 per cent from the June total of 6,797,884,000 kwh.

Hydro plants were responsible for 93.4 per cent of July generation, the balance being generated by thermal plants. At 6,664,705,000 kwh, hydro generation was up 6.3 per cent from the previous month. Thermal generation, on the other hand, decreased 8.8 per cent to 480,629,000 kwh.

Quebec continued to lead the provinces in the production of electric energy with a July total of 2,827,279,000 kwh. Totals for other provinces and the territories in order of production are as follows: Ontario - 2,627,530,000 kwh; British Columbia - 800,830,000 kwh; Manitoba - 236,681,000 kwh; Alberta - 178,967,000 kwh; Saskatchewan - 130,649,000 kwh; Nova Scotia - 115,317,000 kwh; New Brunswick - 112,759,000 kwh; Newfoundland - 100,394,000 kwh; Yukon and Northwest Territories - 10,489,000 kwh and Prince Edward Island - 4,439,000 kwh.

Total imports of electric energy from the United States increased to 113,200,000 kwh from 95,110,000 kwh in June, while exports to the United States rose 32.4 per cent to 530,357,000 kwh. Total amount of electric energy available for disposal in Canada in July was 6,728,177,000 kwh or 3.6 per cent more than that available in June; of this amount, 217,572,000 kwh were used in electric boilers, an increase of 131.9 per cent from last month.

Prepared in the Transportation and Public Utilities Section

8504-509-77



Electric Power Statistics

July, 1957.

	Canada	Newfoundland	Prince Edward Island	Nova Scotia
	(Thousand kwh )			
Generated by:				
Utilities - Hydro .....	5,493,875	66,602	-	26,342
- Thermal .....	358,462	2,340	4,439	77,284
- Total .....	5,852,337	68,942	4,439	103,626
Industry - Hydro .....	1,170,830	29,318	-	2,413
- Thermal .....	122,167	2,134	-	9,278
- Total .....	1,292,997	31,452	-	11,691
Total net generated .....	7,145,334	100,394	4,439	115,317
Energy imported:				
From other provinces .....	xxx	-	-	531
From United States .....	113,200	-	-	-
Total .....	113,200	-	-	531
Energy exported:				
To other provinces .....	xxx	2,873	-	651
To United States - primary .....	106,691	-	-	-
- secondary .....	423,666	-	-	-
Total .....	530,357	2,873	-	651
Total available for disposal in Canada .....	6,728,177	97,521	4,439	115,197
(includes interruptable and at will energy and energy used in electric boilers)				
Used in electric boilers .....	217,572	1,936	-	-

Cumulative totals, January - July

Generated by:				
Utilities - Hydro .....	* 38,087,189	563,475	-	309,441
- Thermal .....	3,213,279	3,900	31,527	459,635
- Total .....	41,300,468	567,375	31,527	769,076
Industry - Hydro .....	9,991,432	195,142	-	19,150
- Thermal .....	1,049,400	25,215	-	65,667
- Total .....	11,040,832	220,357	-	84,817
Total net generated .....	52,341,300	787,732	31,527	853,893
Energy imported:				
From other provinces .....	xxx	-	-	531
From United States .....	416,368	-	-	-
Total .....	416,368	-	-	531
Energy exported:				
To other provinces .....	xxx	26,076	-	4,929
To United States - primary .....	748,777	-	-	-
- secondary .....	* 2,135,858	-	-	-
Total .....	2,884,635	26,076	-	4,929
Total available for disposal in Canada .....	49,873,033	761,656	31,527	849,495
(includes interruptable and at will energy and energy used in electric boilers)				
Used in electric boilers .....	* 1,178,538	61,451	-	-

\* Includes revisions

Electric Power Statistics  
July, 1957.

New Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Yukon and N.W.T.
(Thousand kwh )							
53,163	2,319,767	2,403,462	236,640	42,556	81,506	258,961	4,876
28,158	79	60,020	41	86,253	90,729	8,969	150
81,321	2,319,846	2,463,482	236,681	128,809	172,235	267,930	5,026
7,262	498,274	119,729	-	-	-	508,371	5,463
24,176	9,159	44,319	-	1,840	6,732	24,529	-
31,438	507,433	164,048	-	1,840	6,732	532,900	5,463
112,759	2,827,279	2,627,530	236,681	130,649	178,967	800,830	10,489
1,799	11,517	406,464	42,713	162	730	324	-
77	29	7,493	-	-	-	105,601	-
1,876	11,546	413,957	42,713	162	730	105,925	-
531	400,101	8,801	7,673	42,556	324	730	-
2,851	324	103,356	2	-	-	158	-
676	2,835	420,143	-	-	-	12	-
4,058	403,260	532,300	7,675	42,556	324	900	-
110,577	2,435,565	2,509,187	271,719	88,255	179,373	905,855	10,489
713	152,801	38,224	19,899	-	-	3,086	913

Cumulative totals, January - July

280,333	*16,007,324	15,798,352	1,950,335	316,272	475,258	2,350,699	35,700
267,716	1,158	909,113	1,415	634,339	822,483	80,945	1,048
548,049	16,008,482	16,707,465	1,951,750	950,611	1,297,741	2,431,644	36,748
42,135	5,279,793	810,473	-	-	-	3,615,846	28,893
186,037	111,916	356,969	-	16,002	46,405	241,189	-
228,172	5,391,709	1,167,442	-	16,002	46,405	3,857,035	28,893
776,221	21,400,191	17,874,907	1,951,750	966,613	1,344,146	6,288,679	65,641
12,999	41,059	3,022,389	325,612	1,331	13,065	2,893	-
3,601	238	170,523	-	-	-	242,006	-
16,600	41,297	3,192,912	325,612	1,331	13,065	244,899	-
531	2,939,490	15,436	92,300	325,159	2,893	13,065	-
15,171	2,510	730,490	11	-	-	595	-
4,182	24,146	2,104,227	-	-	-	3,303	-
19,884	2,966,146	2,850,153	92,311	325,159	2,893	16,963	-
772,937	18,475,342	18,217,666	2,185,051	642,785	1,354,318	6,516,615	65,641
802	698,561	116,961	231,172	-	-	62,837	6,754

Electric Power Statistics

July, 1957.

Month	Daily Average		Total net generation	Imports from United States	Exports to United States	Total available for disposal in Canada
	Total net generation	Total available for disposal				
(Thousand kwh )						
January .....	261,718	252,503	8,113,273	64,939	350,610	7,827,602
February .....	261,378	250,002	7,318,572	31,221	349,741	7,000,052
March .....	252,397	240,743	7,824,311	19,464	389,110	7,454,665
April .....	250,799	237,453	7,523,966	27,701	428,069	7,123,598
May .....	245,734	233,750	7,617,749	64,733	436,229	7,246,253
June .....	226,596	216,416	6,797,884	95,110	400,519	6,492,475
July .....	230,495	217,038	7,145,334	416,368	530,357	6,728,177
August .....				173,200		
September .....						
October .....						
November .....						
December .....						
Total .....						

Month	Net generation 1.						
	Utilities			Industry			Grand total
	Hydro	Thermal	Total	Hydro	Thermal	Total	
	(Thousand kwh )						
January .....	5,662,916	632,830	6,295,746	1,654,555	162,972	1,817,527	8,113,273
February .....	5,166,252	527,507	5,693,759	1,466,697	158,116	1,624,813	7,318,572
March .....	5,641,265	504,383	6,145,648	1,509,030	169,633	1,678,663	7,824,311
April .....	5,443,329	421,023	5,864,352	1,507,957	151,657	1,659,614	7,523,966
May .....	5,557,863	382,408	5,940,271	1,533,616	143,862	1,677,478	7,617,749
June .....	*5,121,689	*386,666	5,508,355	1,148,747	140,782	1,289,529	6,797,884
July .....	5,493,875	358,462	5,852,337	1,170,830	122,167	1,292,997	7,145,334
August .....							
September .....							
October .....							
November .....							
December .....							

\* Revised

1. For historical record 1949 - 1956 see June, 1957 report.



# DOMINION BUREAU OF STATISTICS

OTTAWA - CANADA



Published by Authority of the Hon. Gordon Churchill, Minister of Trade and Commerce

Memorandum

Vol. 25 No. 8

## ELECTRIC POWER STATISTICS (Central Electric Stations)

Price: \$1.00 per year

August, 1957

This report is the eighth of a revised monthly statistical series on electric power in Canada. It replaces "Central Electric Stations", which was a monthly compilation of the generation and distribution of electric power by firms which sold at least part of their electric power production. In the revised series certain firms which generate electricity solely for use in their own industry, mine, etc. with none for sale to the public have been included. These firms were excluded from the former Central Electric Stations series since none of their output was sold to the public, and in the revised series, their electric power generation has been classed as "generated by industry". To this "industrial" group has been added certain firms formerly included in the Central Electric Stations series. These firms include industrial producers with small amounts of electrical energy for sale. The remaining firms whose essential function is to sell electric energy have been classed as "Utilities" and their generation has been reported as "generated by utilities".

Statistics have been collected from only those firms which generate at least 10 million kilowatt hours per year. It is estimated, however, that the generation of these firms represents approximately 96 per cent of the total electricity production in Canada and consequently will reflect the growth of electric power generation more effectively than the previous series.

Total net generation as defined for the purpose of this series means total output less the amount used in station service; that is, the net amount available for domestic, commercial or industrial purposes. The amount of electric energy available for disposal in Canada is calculated by adding imports, and subtracting exports from the total net generation. These statistics on "Total available for disposal" in Canada and in the provinces were previously classed as "consumption". The classification "Used in electric boilers" replaces what was formerly termed "consumption secondary", although secondary consumption did contain a relatively small amount of energy used for purposes other than electric boilers.

In order to establish historical continuity, statistics have been compiled on the new basis back to 1949. These comprise net generation totals for utilities and industry, by province, and appear as a special supplement in the June 1957 report. Although presented for utilities, monthly 1956 net generation figures are not available for industry.

Total net generation in Canada in August, 1957, amounted to 6,919,176,000 kwh of which 5,615,756,000 kwh were produced by utilities and 1,303,420,000 kwh by industrial firms. Generation by utilities decreased 1 per cent from the July total of 5,852,370,000 kwh while the amount produced by industries rose .8 per cent from 1,292,997,000 kwh resulting in an overall decrease of 3.2 per cent from the July total of 7,145,367,000 kwh.

Hydro plants were responsible for 91.7 per cent of August generation, the balance being generated by thermal plants. At 6,342,275,000 kwh, hydro generation was down 4.8 per cent from the previous month. Thermal generation, on the other hand, increased 20 per cent to 576,901,000 kwh.

Quebec continued to lead the provinces in the production of electric energy with an August total of 764,000,000 kwh. Totals for other provinces and the territories in order of production are as follows: Ontario - 2,385,042,000 kwh; British Columbia - 845,606,000 kwh; Manitoba - 258,030,000 kwh; Alberta - 181,610,000 kwh; Saskatchewan - 131,838,000 kwh; Nova Scotia - 119,711,000 kwh; New Brunswick - 115,095,000 kwh; Newfoundland - 102,952,000 kwh; Yukon and Northwest Territories - 10,201,000 kwh and Prince Edward Island - 740,000 kwh.

Total imports of electric energy from the United States decreased to 98,317,000 kwh from 113,200,000 kwh in July, while exports to the United States fell 34.6 per cent to 346,829,000 kwh. Total amount of electric energy available for disposal in Canada in August was 6,670,664,000 kwh or .9 per cent less than that available in July; of this amount, 164,316,000 kwh were used in electric boilers, a decrease of 24.2 per cent from the revised figure of 216,887,000 kwh last month.

Prepared in the Transportation and Public Utilities Section.

04-509-87

# Electric Power Statistics

August, 1957

	Canada	Newfoundland	Prince Edward Island	Nova Scotia
	(Thousand kwh.)			
Generated by:				
Utilities - Hydro .....	5,177,785	67,264	-	28,238
- Thermal .....	437,971	4,769	4,740	79,142
- Total .....	5,615,756	72,033	4,740	107,380
Industry - Hydro .....	1,164,490	27,996	-	2,483
- Thermal .....	138,930	2,923	-	9,848
- Total .....	1,303,420	30,919	-	12,331
Total net generated .....	6,919,176	102,952	4,740	119,711
Energy imported:				
From other provinces .....	xxx	-	-	-
From United States .....	98,317	-	-	-
Total .....	98,317	-	-	-
Energy exported:				
To other provinces .....	xxx	3,447	-	671
To United States - primary .....	105,864	-	-	-
- secondary .....	240,965	-	-	-
Total .....	346,829	3,447	-	671
Total available for disposal in Canada .....	6,670,664	99,505	4,740	119,040
(includes interruptable and at will energy and energy used in electric boilers)				
Used in electric boilers .....	164,316	2,285	-	-

Cumulative totals, January - August

Generated by:				
Utilities - Hydro .....	43,265,064	630,739	-	337,679
- Thermal .....	3,651,193	8,669	36,300	538,777
- Total .....	46,916,257	639,408	36,300	876,456
Industry - Hydro .....	11,155,922	223,138	-	21,633
- Thermal .....	1,188,330	28,138	-	75,515
- Total .....	12,344,252	251,276	-	97,148
Total net generated .....	59,260,509	890,684	36,300	973,604
Energy imported:				
From other provinces .....	xxx	-	-	-
From United States .....	514,685	-	-	-
Total .....	514,685	-	-	-
Energy exported:				
To other provinces .....	xxx	29,523	-	5,600
To United States - primary .....	855,041	-	-	-
- secondary .....	2,376,822	-	-	-
Total .....	3,231,863	29,523	-	5,600
Total available for disposal in Canada .....	56,543,331	861,161	36,300	968,004
(includes interruptable and at will energy and energy used in electric boilers)				
Used in electric boilers .....	1,342,169	63,736	-	-

Electric Power Statistics

August, 1957

New Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Yukon and N.W.T.
			(Thousand kwh.)				
43,535	2,236,707	2,132,121	257,992	40,717	58,728	307,882	4,601
38,348	35	96,109	38	88,751	116,234	9,656	149
81,883	2,236,742	2,228,230	258,030	129,468	174,962	317,538	4,750
5,460	510,542	111,270	-	-	-	501,288	5,451
27,752	16,716	45,542	-	2,370	6,999	26,780	-
33,212	527,258	156,812	-	2,370	6,999	528,068	5,451
115,095	2,764,000	2,385,042	258,030	131,838	181,961	845,606	10,201
1,747	4,379	446,619	40,746	147	643	83	-
481	26	23,394	-	-	-	74,416	-
2,228	4,405	470,013	40,746	147	643	74,499	-
-	428,395	961	19,447	40,717	83	643	-
1,536	447	103,723	2	-	-	156	-
136	4,287	236,508	-	-	-	34	-
1,672	433,129	341,192	19,449	40,717	83	833	-
115,651	2,335,286	2,513,853	279,327	91,268	182,521	919,272	10,201
-	109,201	17,501	33,526	-	-	1,057	746

Cumulative totals, January - August

323,868	18,244,121	17,930,473	2,208,327	356,989	533,986	2,658,581	40,301
306,064	1,103	1,005,222	1,453	723,090	938,717	90,601	1,197
629,932	18,245,224	18,935,695	2,209,780	1,080,079	1,472,703	2,749,182	41,498
47,595	5,790,335	921,743	-	-	-	4,117,134	34,344
213,789	128,632	402,511	-	18,372	53,404	267,969	-
261,384	5,918,967	1,324,254	-	18,372	53,404	4,385,103	34,344
891,316	24,164,191	20,259,949	2,209,780	1,098,451	1,526,107	7,134,285	75,842
14,746	45,438	3,471,899	366,358	1,478	13,708	2,976	-
4,082	264	193,917	-	-	-	316,422	-
18,828	45,702	3,665,816	366,358	1,478	13,708	319,398	-
-	3,370,776	16,407	111,747	365,876	2,976	13,708	-
16,707	3,357	834,213	13	-	-	751	-
4,318	28,433	2,340,735	-	-	-	3,336	-
21,025	3,402,566	3,191,355	111,760	365,876	2,976	17,795	-
889,119	20,807,337	20,734,410	2,464,378	734,053	1,536,839	7,435,888	75,842
117	807,762	134,462	264,698	-	-	63,894	7,500



# Electric Power Statistics

August, 1957

Month	Daily Average		Total net generation	Imports from United States	Exports to United States	Total available for disposal in Canada
	Total net generation	Total available for disposal				
			(Thousand kwh.)			
January .....	261,718	252,503	8,113,273	64,939	350,610	7,827,602
February .....	261,378	250,002	7,318,572	31,221	349,741	7,000,052
March .....	252,397	240,743	7,824,311	19,464	389,110	7,454,665
April .....	250,799	237,453	7,523,966	27,701	428,069	7,123,598
May .....	245,734	233,750	7,617,749	64,733	436,229	7,246,253
June .....	226,596	216,416	6,797,884	95,110	400,519	6,492,475
July .....	*230,496	*217,039	*7,145,367	113,200	530,357	*6,728,210
August .....	223,199	215,183	6,919,176	98,317	346,829	6,670,664
September .....						
October .....						
November .....						
December .....						
Total .....						

Month	Net generation - 1957						
	Utilities			Industry			Grand total
	Hydro	Thermal	Total	Hydro	Thermal	Total	
	(Thousand kwh.)						
January .....	5,662,916	632,830	6,295,746	1,654,555	162,972	1,817,527	8,113,273
February .....	5,166,252	527,507	5,693,759	1,466,697	158,116	1,624,813	7,318,572
March .....	5,641,265	504,383	6,145,648	1,509,030	*169,723	*1,678,753	*7,824,401
April .....	5,443,329	421,023	5,864,352	1,507,957	*151,647	*1,659,604	*7,523,956
May .....	5,557,863	382,408	5,940,271	1,533,616	*143,871	*1,677,487	*7,617,758
June .....	*5,121,716	*386,639	5,508,355	1,148,747	*140,904	*1,289,651	*6,798,006
July .....	*5,493,938	*358,432	*5,852,370	1,170,830	122,167	1,292,997	*7,145,367
August .....	5,177,785	437,971	5,615,756	1,164,490	138,930	1,303,420	6,919,176
September .....							
October .....							
November .....							
December .....							

\* Revised.

## Net generation, 1949-1956 CANADA

Year and month	Utilities			Industry			Grand total
	Hydro	Thermal	Total	Hydro	Thermal	Total	
	(Thousand kwh.)						
1949 .....	36,204,809	1,390,562	37,595,371	n.a.	n.a.	12,889,749	50,485,120
1950 .....	39,783,365	1,647,557	41,430,922	"	"	13,428,593	54,859,515
1951 .....	46,322,206	1,732,652	48,054,858	"	"	13,369,527	61,424,385
1952 .....	49,618,513	2,222,115	51,840,628	"	"	14,086,950	65,927,578
1953 .....	49,542,536	3,797,345	53,339,881	"	"	16,400,824	69,740,705
1954 .....	52,155,854	3,178,434	55,334,288	"	"	17,547,555	72,881,843
1955 .....	58,444,886	3,197,153	61,642,039	"	"	18,381,161	80,023,200
1956 - Total .....	64,551,948	4,292,898	68,844,846	"	"	19,119,968	87,964,814
January .....	5,253,744	380,823	5,634,567	"	"	n.a.	n.a.
February .....	4,999,928	367,465	5,367,393	"	"	"	"
March .....	5,232,703	378,947	5,611,650	"	"	"	"
April .....	5,168,073	292,701	5,460,774	"	"	"	"
May .....	5,549,616	263,531	5,813,147	"	"	"	"
June .....	5,334,952	239,425	5,574,377	"	"	"	"
July .....	5,265,802	275,108	5,540,910	"	"	"	"
August .....	5,368,420	313,748	5,682,168	"	"	"	"
September .....	5,387,879	347,156	5,735,035	"	"	"	"
October .....	5,758,423	427,078	6,185,501	"	"	"	"
November .....	5,543,552	488,630	6,032,182	"	"	"	"
December .....	5,688,856	518,286	6,207,142	"	"	"	"



## ELECTRIC POWER STATISTICS

### (Central Electric Stations)

Vol. 25 No. 9

Price: \$1.00 per year

September, 1957

This report is the ninth of a revised monthly statistical series on electric power in Canada. It replaces "Central Electric Stations", which was a monthly compilation of the generation and distribution of electric power by firms which sold at least part of their electric power production. In the revised series certain firms which generate electricity solely for use in their own industry, mine, etc. with none for sale to the public have been included. These firms were excluded from the former Central Electric Stations series since none of their output was sold to the public, and in the revised series, their electric power generation has been classed as "generated by industry". To this "industrial" group has been added certain firms formerly included in the Central Electric Stations series. These firms include industrial producers with small amounts of electrical energy for sale. The remaining firms whose essential function is to sell electric energy have been classed as "Utilities" and their generation has been reported as "generated by utilities".

Statistics have been collected from only those firms which generate at least 10 million kilowatt hours per year. It is estimated, however, that the generation of these firms represents approximately 96 per cent of the total electricity production in Canada and consequently will reflect the growth of electric power generation more effectively than the previous series.

Total net generation as defined for the purpose of this series means total output less the amount used in station service; that is, the net amount available for domestic, commercial or industrial purposes. The amount of electric energy available for disposal in Canada is calculated by adding imports, and subtracting exports from the total net generation. These statistics on "Total available for disposal" in Canada and in the provinces were previously classed as "consumption". The classification "Used in electric boilers" replaces what was formerly termed "consumption secondary", although secondary consumption did contain a relatively small amount of energy used for purposes other than electric boilers.

In order to establish historical continuity, statistics have been compiled on the new basis back to 1949. These comprise net generation totals for utilities and industry, by province, and appear as a special supplement in the June 1957 report. Although presented for utilities, monthly 1956 net generation figures are not available for industry.

Total net generation in Canada in September, 1957, amounted to 6,964,083,000 kwh of which 5,646,123,000 kwh were produced by utilities and 1,317,960,000 kwh by industrial firms. Generation by utilities increased 0.5 per cent from the August total of 5,615,756,000 kwh while the amount produced by industries rose 1.1 per cent from 1,303,420,000 kwh resulting in an overall increase of 0.6 per cent from the August total of 6,919,176,000 kwh.

Hydro plants were responsible for 91.5 per cent of September generation, the balance being generated by thermal plants. At 6,368,703,000 kwh, hydro generation increased 0.4 per cent from the previous month while thermal generation increased 3.2 per cent to 595,380,000 kwh.

Quebec lead the provinces in the production of electric energy with a September total of 2,851,369,000 kwh. Totals for other provinces and the territories in order of production were as follows: Ontario - 2,382,583,000 kwh; British Columbia - 841,798,000 kwh; Manitoba - 243,310,000 kwh; Alberta - 183,142,000 kwh; Saskatchewan - 133,319,000 kwh; Nova Scotia - 116,843,000 kwh; New Brunswick - 105,693,000 kwh; Newfoundland - 90,574,000 kwh; Yukon and Northwest Territories - 9,810,000 kwh and Prince Edward Island - 4,142,000 kwh.

Total imports of electric energy from the United States increased to 112,298,000 kwh from 98,317,000 kwh in August, while exports to the United States increased 5.8 per cent to 366,937,000 kwh. Total amount of electric energy available for disposal in Canada in September was 6,709,444,000 kwh or 0.6 per cent more than that available in August; of this amount 206,608,000 kwh were used in electric boilers, an increase of 25.7 per cent over last month.

Prepared in the Transportation and Public Utilities Section.

304-509-97

Electric Power Statistics

September, 1957

	Canada	Newfoundland	Prince Edward Island	Nova Scotia
	(Thousand kwh )			
Generated by:				
Utilities - Hydro .....	5,178,563	59,819	-	31,170
- Thermal .....	467,560	1,622	4,542	74,866
- Total .....	5,646,123	61,441	4,542	106,036
Industry - Hydro .....	1,190,140	26,480	-	1,647
- Thermal .....	127,820	2,653	-	9,160
- Total .....	1,317,960	29,133	-	10,807
Total net generated .....	6,964,083	90,574	4,542	116,843
Energy imported:				
From other provinces .....	xxx	-	-	-
From United States .....	112,298	-	-	-
Total .....	112,298	-	-	-
Energy exported:				
To other provinces .....	xxx	3,421	-	685
To United States - primary .....	101,219	-	-	-
- secondary .....	265,718	-	-	-
Total .....	366,937	3,421	-	685
Total available for disposal in Canada .....	6,709,444	87,153	4,542	116,158
(includes interruptable and at will energy and energy used in electric boilers)				
Used in electric boilers .....	206,608	2,870	-	-

Cumulative totals, January - September

Generated by:				
Utilities - Hydro .....	48,443,627	690,558	-	368,849
- Thermal .....	4,118,753	10,291	40,842	613,643
- Total .....	52,562,380	700,849	40,842	982,492
Industry - Hydro .....	12,346,062	249,618	-	23,280
- Thermal .....	1,316,150	30,791	-	84,675
- Total .....	13,662,212	280,409	-	107,955
Total net generated .....	66,224,592	981,258	40,842	1,090,447
Energy imported:				
From other provinces .....	xxx	-	-	-
From United States .....	626,983	-	-	-
Total .....	626,983	-	-	-
Energy exported:				
To other provinces .....	xxx	32,944	-	6,285
To United States - primary .....	956,260	-	-	-
- secondary .....	2,642,540	-	-	-
Total .....	3,598,800	32,944	-	6,285
Total available for disposal in Canada .....	63,252,775	948,314	40,842	1,084,162
(includes interruptable and at will energy and energy used in electric boilers)				
Used in electric boilers .....	1,548,777	66,606	-	-



Electric Power Statistics

September, 1957

New Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Yukon and N.W.T.
			(Thousand kwh )				
32,384	2,282,688	2,102,712	243,270	43,573	63,568	314,373	5,006
46,158	60	128,017	40	87,494	112,868	11,719	174
78,542	2,282,748	2,230,729	243,310	131,067	176,436	326,092	5,180
3,481	555,538	106,591	-	-	-	491,773	4,630
23,670	13,583	45,263	-	2,252	7,306	23,933	-
27,151	569,121	151,854	-	2,252	7,306	515,706	4,630
105,693	2,851,869	2,382,583	243,310	133,319	183,742	841,798	9,810
1,823	4,472	487,423	45,915	193	2,016	55	-
854	33	23,152	-	-	-	88,259	-
2,677	4,505	510,575	45,915	193	2,016	88,314	-
-	479,030	1,141	9,724	45,825	55	2,016	-
199	420	100,506	2	-	-	92	-
3	3,278	262,365	-	-	-	72	-
202	482,728	364,012	9,726	45,825	55	2,180	-
108,168	2,373,646	2,529,146	279,499	87,687	185,703	927,932	9,810
-	175,871	10,066	15,647	-	-	1,192	962

Cumulative totals, January - September

356,252	20,526,809	20,033,185	2,451,597	400,562	597,554	2,972,954	48,808
352,222	1,163	1,133,239	1,493	810,584	1,051,585	102,320	1,171
708,474	20,527,972	21,166,424	2,453,090	1,211,146	1,649,139	3,075,274	49,979
51,076	6,345,873	1,028,334	-	-	-	4,608,907	18,000
237,459	142,215	447,774	-	20,624	60,710	291,902	-
288,535	6,488,088	1,476,108	-	20,624	60,710	4,900,809	18,174
997,009	27,016,060	22,642,532	2,453,090	1,231,770	1,709,849	7,976,083	50,122
16,569	49,910	3,959,322	416,483	1,671	15,724	3,031	-
4,936	297	217,069	-	-	-	404,681	-
21,505	50,207	4,176,391	416,483	1,671	15,724	407,712	-
-	3,849,806	17,538	121,471	415,911	3,031	15,724	-
16,906	3,777	934,719	15	-	-	843	-
4,321	31,711	2,603,100	-	-	-	3,408	-
21,227	3,885,294	3,555,357	121,486	415,911	3,031	19,975	-
997,287	23,180,973	23,263,566	2,748,087	817,530	1,722,542	8,363,820	80,600
117	983,633	144,528	280,345	-	-	65,086	8,462

# Electric Power Statistics

September, 1957

Month	Daily Average		Total net generation	Imports from United States	Exports to United States	Total available for disposal in Canada
	Total net generation	Total available for disposal				
	(Thousand kwh)					
January .....	261,718	252,503	8,113,273	64,939	350,610	7,827,602
February .....	261,378	250,002	7,318,572	31,221	349,741	7,000,052
March .....	* 252,400	* 240,476	* 7,824,401	19,464	389,110	* 7,454,755
April .....	250,799	237,453	* 7,523,956	27,701	428,069	* 7,123,588
May .....	245,734	233,750	* 7,617,758	64,733	436,229	* 7,246,262
June .....	* 226,600	* 216,420	* 6,798,006	95,110	400,519	* 6,492,597
July .....	230,496	217,039	7,145,367	113,200	530,357	6,728,210
August .....	223,199	215,183	6,919,176	98,317	346,829	6,670,664
September .....	232,136	223,581	6,964,083	112,298	366,937	6,709,444
October .....						
November .....						
December .....						
Total .....						

\* Revised

Month	Net generation - 1957						
	Utilities			Industry			Grand total
	Hydro	Thermal	Total	Hydro	Thermal	Total	
	(Thousand kwh )						
January .....	5,662,916	632,830	6,295,746	1,654,555	162,972	1,817,527	8,113,273
February .....	5,166,252	527,507	5,693,759	1,466,697	158,116	1,624,813	7,318,572
March .....	5,641,265	504,383	6,145,648	1,509,030	169,723	1,678,753	7,824,401
April .....	5,443,329	421,023	5,864,352	1,507,957	151,647	1,659,604	7,523,956
May .....	5,557,863	382,408	5,940,271	1,533,616	143,871	1,677,487	7,617,758
June .....	5,121,716	386,639	5,508,355	1,148,747	140,904	1,289,651	6,798,006
July .....	5,493,938	358,432	5,852,370	1,170,830	122,167	1,292,997	7,145,367
August .....	5,177,785	437,971	5,615,756	1,164,490	138,930	1,303,420	6,919,176
September .....	5,178,563	467,560	5,646,123	1,190,140	127,820	1,317,960	6,964,083
October .....							
November .....							
December .....							

## Net generation, 1949-1956 CANADA

Year and month	Utilities			Industry			Grand total
	Hydro	Thermal	Total	Hydro	Thermal	Total	
	(Thousand kwh )						
1949 .....	36,204,809	1,390,562	37,595,371	n.a.	n.a.	12,889,749	50,485,1
1950 .....	39,783,365	1,647,557	41,430,922	"	"	13,428,593	54,859,5
1951 .....	46,322,206	1,732,652	48,054,858	"	"	13,369,527	61,424,3
1952 .....	49,618,513	2,222,115	51,840,628	"	"	14,086,950	65,927,5
1953 .....	49,542,536	3,797,345	53,339,881	"	"	16,400,824	69,740,7
1954 .....	52,155,854	3,178,434	55,334,288	"	"	17,547,555	72,881,8
1955 .....	58,444,886	3,197,153	61,642,039	"	"	18,381,161	80,023,2
1956 - Total .....	64,551,948	4,292,898	68,844,846	"	"	19,119,968	87,964,8
January .....	5,253,744	380,823	5,634,567	"	"	n.a.	n.a.
February .....	4,999,928	367,465	5,367,393	"	"	"	"
March .....	5,232,703	378,947	5,611,650	"	"	"	"
April .....	5,168,073	292,701	5,460,774	"	"	"	"
May .....	5,549,616	263,531	5,813,147	"	"	"	"
June .....	5,334,952	239,425	5,574,377	"	"	"	"
July .....	5,265,802	275,108	5,540,910	"	"	"	"
August .....	5,368,420	313,748	5,682,168	"	"	"	"
September .....	5,387,879	347,156	5,735,035	"	"	"	"
October .....	5,758,423	427,078	6,185,501	"	"	"	"
November .....	5,543,552	488,630	6,032,182	"	"	"	"
December .....	5,688,856	518,286	6,207,142	"	"	"	"

# DOMINION BUREAU OF STATISTICS

OTTAWA - CANADA



Memorandum

Published by Authority of the Hon. Gordon Churchill, Minister of Trade and Commerce

## ELECTRIC POWER STATISTICS (Central Electric Stations)

1. 25 No. 10

Price: \$1.00 per year

October, 1957

This report is the tenth of a revised monthly statistical series on electric power in Canada. It replaces "Central Electric Stations", which was a monthly compilation of the generation and distribution of electric power by firms which sold at least part of their electric power production. In the revised series certain firms which generate electricity solely for use in their own industry, mine, etc. with none for sale to the public have been included. These firms were excluded from the former Central Electric Stations series since none of their output was sold to the public, and in the revised series, their electric power generation has been classed as "generated by industry". To this "industrial" group has been added certain firms formerly included in the Central Electric Stations series. These firms include industrial producers with small amounts of electrical energy for sale. The remaining firms whose essential function is to sell electric energy have been classed as "Utilities" and their generation has been reported as "generated by utilities".

Statistics have been collected from only those firms which generate at least 10 million kilowatt hours per year. It is estimated, however, that the generation of these firms represents approximately 96 per cent of the total electricity production in Canada and consequently will reflect the growth of electric power generation more effectively than the previous series.

Total net generation as defined for the purpose of this series means total output less the amount used in station service; that is, the net amount available for domestic, commercial or industrial purposes. The amount of electric energy available for disposal in Canada is calculated by adding imports, and subtracting exports from the total net generation. These statistics on "Total available for disposal" in Canada and the provinces were previously classed as "consumption". The classification "Used in electric boilers" replaces what was formerly termed "consumption secondary", although secondary consumption did contain a relatively small amount of energy used for purposes other than electric boilers.

In order to establish historical continuity, statistics have been compiled on the new basis back to 1949. These comprise net generation totals for utilities and industry, by province, and appear as a special supplement in the June 1957 report. Although presented for utilities, monthly 1956 net generation figures are not available for industry.

Total net generation in Canada in October, 1957, amounted to 8,078,679,000 kwh of which 1,85,673,000 kwh were produced by utilities and 1,793,006,000 kwh by industrial firms. Generation by utilities increased 11.3 per cent from the September total of 5,646,123,000 kwh while the amount produced by industries rose 36.0 per cent from 1,317,960,000 kwh resulting in an overall increase of 16.0 per cent from September total of 6,964,083,000 kwh.

Hydro plants were responsible for 91.6 per cent of October generation, the balance being generated by thermal plants. At 7,402,470,000 kwh, hydro generation increased 16.2 per cent from the previous month while thermal generation increased 13.6 per cent to 676,209,000 kwh.

Quebec led the provinces in the production of electric energy with an October total of 3,594,513,000 kwh. Totals for other provinces and the territories in order of production were as follows: Ontario - 54,305,000 kwh; British Columbia - 930,268,000 kwh; Manitoba - 270,379,000 kwh; Alberta - 201,013,000 kwh; Saskatchewan - 146,648,000 kwh; Nova Scotia - 127,304,000 kwh; Newfoundland - 122,888,000 kwh; New Brunswick - 153,100,000 kwh; Yukon and Northwest Territories - 9,741,000 kwh and Prince Edward Island - 4,989,000 kwh.

Total imports of electric energy from the United States decreased to 102,255,000 kwh from 129,800 kwh in September, while exports to the United States increased 4.8 per cent to 384,381,000 kwh. The amount of electric energy made available in Canada in October was 7,796,353,000 kwh or 16.2 per cent more than that available in September; of this amount 343,467,000 kwh were used in electric boilers, an increase of 66.2 per cent over last month.

-509-107

Prepared in the Transportation and Public Utilities Section.



Electric Power Statistics

October, 1957

	Canada	Newfoundland	Prince Edward Island	Nova Scotia
	(Thousand kwh.)			
Generated by:				
Utilities - Hydro .....	5,754,377	90,663	-	31,362
- Thermal .....	531,296	193	4,989	85,183
- Total .....	6,285,673	90,856	4,989	116,545
Industry - Hydro .....	1,648,093	29,703	-	1,113
- Thermal .....	144,913	2,329	-	9,846
- Total .....	1,793,006	32,032	-	10,959
Total net generated .....	8,078,679	122,888	4,989	127,504
Energy imported:				
From other provinces .....	xxx	-	-	-
From United States .....	102,255	-	-	-
Total .....	102,255	-	-	-
Energy exported:				
To other provinces .....	xxx	3,686	-	799
To United States - primary .....	102,294	-	-	-
- secondary .....	282,287	-	-	-
Total .....	384,581	3,686	-	799
Total made available in Canada .....	7,796,353	119,202	4,989	126,705
(includes interruptable and at will energy and energy used in electric boilers)				
Used in electric boilers .....	343,467	13,005	-	-

Cumulative totals, January - October

Generated by:				
Utilities - Hydro .....	54,198,004	781,221	-	400,211
- Thermal .....	4,650,049	10,484	45,831	698,826
- Total .....	58,848,053	791,705	45,831	1,099,037
Industry - Hydro .....	13,992,136	279,321	-	24,393
- Thermal .....	1,461,043	33,120	-	94,521
- Total .....	15,453,179	312,441	-	118,914
Total net generated .....	74,301,232	1,104,146	45,831	1,217,951
Energy imported:				
From other provinces .....	xxx	-	-	-
From United States .....	729,238	-	-	-
Total .....	729,238	-	-	-
Energy exported:				
To other provinces .....	xxx	36,630	-	7,084
To United States - primary .....	1,058,554	-	-	-
- secondary .....	2,924,827	-	-	-
Total .....	3,983,381	36,630	-	7,084
Total available for disposal in Canada .....	71,047,089	1,067,516	45,831	1,210,867
(includes interruptable and at will energy and energy used in electric boilers)				
Used in electric boilers .....	1,892,244	79,611	-	-

Electric Power Statistics

October, 1957

New Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Yukon and N.W.T.
(Thousand kwh.)							
36,458	2,601,883	2,220,779	270,241	47,691	72,600	377,296	5,404
50,754	81	158,019	38	96,153	122,425	13,257	204
87,212	2,601,964	2,378,798	270,279	143,844	195,025	390,553	5,608
2,821	977,606	122,615	-	-	-	510,102	4,133
26,498	14,943	52,892	-	2,804	5,988	29,613	-
29,319	992,549	175,507	-	2,804	5,988	539,715	4,133
116,531	3,594,513	2,554,305	270,279	146,648	201,013	930,268	9,741
2,009	4,712	545,527	51,887	177	3,359	53	-
149	35	24,454	-	-	-	77,617	-
2,158	4,747	569,981	51,887	177	3,359	77,670	-
-	534,673	1,418	12,241	51,495	53	3,359	-
892	446	100,863	2	-	-	91	-
3	4,966	276,457	-	-	-	861	-
895	540,085	378,738	12,243	51,495	53	4,311	-
117,794	3,059,175	2,745,548	309,923	95,330	204,319	1,003,627	9,741
-	286,969	11,092	25,884	-	-	5,218	1,299

Cumulative totals, January - October

392,710	23,128,692	22,253,964	2,721,838	448,253	670,154	3,350,250	50,711
402,976	1,244	1,291,258	1,531	906,737	1,174,010	115,577	1,575
795,686	23,129,936	23,545,222	2,723,369	1,354,990	1,844,164	3,465,827	52,286
53,897	7,323,479	1,150,949	-	-	-	5,116,990	43,107
263,957	157,158	500,666	-	23,428	66,698	321,495	-
317,854	7,480,637	1,651,615	-	23,428	66,698	5,438,485	43,107
1,113,540	30,610,573	25,196,837	2,723,369	1,378,418	1,910,862	8,904,312	95,393
18,578	54,622	4,504,849	468,370	1,848	19,083	3,084	-
5,085	332	241,523	-	-	-	482,298	-
23,663	54,954	4,746,372	468,370	1,848	19,083	485,382	-
-	4,384,479	18,956	133,712	467,406	3,084	19,083	-
17,798	4,223	1,035,582	17	-	-	934	-
4,324	36,677	2,879,557	-	-	-	4,269	-
22,122	4,425,379	3,934,095	133,729	467,406	3,084	24,286	-
115,081	26,240,148	26,009,114	3,058,010	912,860	1,926,861	9,365,408	95,393
117	1,270,602	155,620	306,229	-	-	70,304	9,761

Electric Power Statistics

October, 1957

Month	Daily Average		Total net generation	Imports from United States	Exports to United States	Total available for disposal in Canada
	Total net generation	Total available for disposal				
			(Thousand kwh.)			
January .....	261,718	252,503	8,113,273	64,939	350,610	7,827,602
February .....	261,378	250,002	7,318,572	31,221	349,741	7,000,052
March .....	252,400	240,476	7,824,401	19,464	389,110	7,454,755
April .....	250,799	237,453	7,523,956	27,701	428,069	7,123,588
May .....	245,734	233,750	7,617,758	64,733	436,229	7,246,262
June .....	226,600	216,420	6,798,006	95,110	400,519	6,492,597
July .....	230,496	217,039	7,145,367	113,200	530,357	6,728,210
August .....	223,199	215,183	6,919,176	98,317	346,829	6,670,664
September .....	232,136	223,581	6,964,083	112,298	366,937	6,709,444
October .....	260,603	251,495	8,078,679	102,255	384,581	7,796,353
November .....						
December .....						
Total .....						

Month	Net generation - 1957						Grand total
	Utilities			Industry			
	Hydro	Thermal	Total	Hydro	Thermal	Total	
				(Thousand kwh.)			
January .....	5,662,916	632,830	6,295,746	1,654,555	162,972	1,817,527	8,113,273
February .....	5,166,252	527,507	5,693,759	1,466,697	158,116	1,624,813	7,318,572
March .....	5,641,265	504,383	6,145,648	1,509,030	169,723	1,678,753	7,824,401
April .....	5,443,329	421,023	5,864,352	1,507,957	151,647	1,659,604	7,523,956
May .....	5,557,863	382,408	5,940,271	1,533,616	143,871	1,677,487	7,617,758
June .....	5,121,716	386,639	5,508,355	1,148,747	140,904	1,289,651	6,798,006
July .....	5,493,938	358,432	5,852,370	1,170,830	122,167	1,292,997	7,145,367
August .....	5,177,785	437,971	5,615,756	1,164,490	138,930	1,303,420	6,919,176
September .....	5,178,563	467,560	5,646,123	1,190,140	127,820	1,317,960	6,964,083
October .....	5,754,377	531,296	6,285,673	1,648,093	144,913	1,793,006	8,078,679
November .....							
December .....							

Net generation, 1949-1956  
CANADA

Year and month	Utilities			Industry			Grand total
	Hydro	Thermal	Total	Hydro	Thermal	Total	
(Thousand kwh.)							
1949 .....	36,204,809	1,390,562	37,595,371	n.a.	n.a.	12,889,749	50,485,120
1950 .....	39,783,365	1,647,557	41,430,922	"	"	13,428,593	54,859,515
1951 .....	46,322,206	1,732,652	48,054,858	"	"	13,369,527	61,424,385
1952 .....	49,618,513	2,222,115	51,840,628	"	"	14,086,950	65,927,578
1953 .....	49,542,536	3,797,345	53,339,881	"	"	16,400,824	69,740,705
1954 .....	52,155,854	3,178,434	55,334,288	"	"	17,547,555	72,881,843
1955 .....	58,444,886	3,197,153	61,642,039	"	"	18,381,161	80,023,200
1956 - Total .....	64,551,948	4,292,898	68,844,846	"	"	19,119,968	87,964,814
January .....	5,253,744	380,823	5,634,567	"	"	n.a.	n.a.
February .....	4,999,928	367,465	5,367,393	"	"	"	"
March .....	5,211,701	378,947	5,611,650	"	"	"	"
April .....	5,168,073	292,701	5,460,774	"	"	"	"
May .....	5,549,616	263,531	5,813,147	"	"	"	"
June .....	5,334,952	239,425	5,574,377	"	"	"	"
July .....	5,265,802	275,108	5,540,910	"	"	"	"
August .....	5,368,420	313,748	5,682,168	"	"	"	"
September .....	5,387,879	347,156	5,735,035	"	"	"	"
October .....	5,758,423	427,078	6,185,501	"	"	"	"
November .....	5,543,552	488,630	6,032,182	"	"	"	"
December .....	5,688,856	518,286	6,207,142	"	"	"	"





## ELECTRIC POWER STATISTICS

### (Central Electric Stations)

Vol. 25 No. 11

Price: \$1.00 per year

November, 1957

This report is the eleventh of a revised monthly statistical series on electric power in Canada. It replaces "Central Electric Stations", which was a monthly compilation of the generation and distribution of electric power by firms which sold at least part of their electric power production. In the revised series certain firms which generate electricity solely for use in their own industry, mine, etc. with none for sale to the public have been included. These firms were excluded from the former Central Electric Stations series since none of their output was sold to the public, and in the revised series, their electric power generation has been classed as "generated by industry". To this "industrial" group has been added certain firms formerly included in the Central Electric Stations series. These firms include industrial producers with small amounts of electrical energy for sale. The remaining firms whose essential function is to sell electric energy have been classed as "Utilities" and their generation has been reported as "generated by utilities".

Statistics have been collected from only those firms which generate at least 10 million kilowatt hours per year. It is estimated, however, that the generation of these firms represents approximately 96 per cent of the total electricity production in Canada and consequently will reflect the growth of electric power generation more effectively than the previous series.

Total net generation as defined for the purpose of this series means total output less the amount used in station service; that is, the net amount available for domestic, commercial or industrial purposes. The amount of electric energy available for disposal in Canada is calculated by adding imports, and subtracting exports from the total net generation. These statistics on "Total made available" in Canada and in the provinces were previously classed as "consumption". The classification "Used in electric boilers" replaces what was formerly termed "consumption secondary", although secondary consumption did contain a relatively small amount of energy used for purposes other than electric boilers.

In order to establish historical continuity, statistics have been compiled on the new basis back to 1949. These comprise net generation totals for utilities and industry, by province, and appear as a special supplement in the June 1957 report. Although presented for utilities, monthly 1956 net generation figures are not available for industry.

Total net generation of electric energy in Canada amounted to 8,179,635,000 kwh in November, an increase of 0.1 per cent over the 8,078,679,000 kwh produced in October. Imports from the United States decreased 44.7 per cent to 56,525,000 kwh while exports rose 10.5 per cent to 424,932,000 kwh. The total amount available for use in Canada nevertheless rose 0.2 per cent to 7,811,228,000 kwh from the 7,796,353,000 kwh reported one month earlier. Of the total amount made available 386,599,000 kwh in November and 343,67,000 kwh in October represent electric energy produced for use in electric boilers.

Generation by utilities increased 1.8 per cent to 6,396,692,000 kwh while the amount produced by industries declined 0.6 per cent to 1,782,943,000 kwh. Hydro plants were responsible for 92.6 per cent of November generation, the balance being generated by thermal plants.

Provincial totals of production of electric energy during November are as follows: Quebec - 3,41,806,000 kwh; Ontario - 2,588,607,000 kwh; British Columbia - 908,489,000 kwh; Manitoba - 294,099,000 kwh; Alberta - 206,464,000 kwh; Saskatchewan - 151,112,000 kwh; Nova Scotia - 127,605,000 kwh; New Brunswick - 24,308,000 kwh; Newfoundland - 122,734,000 kwh; Yukon and Northwest Territories - 9,191,000 kwh and Prince Edward Island - 5,220,000 kwh.

Prepared in the Transportation and Public Utilities Section.

04-509-117

Electric Power Statistics

November, 1957

	Canada	Newfoundland	Prince Edward Island	Nova Scotia
	(Thousand kwh.)			
Generated by:				
Utilities - Hydro .....	5,922,344	90,099	-	36,518
- Thermal .....	474,348	405	5,220	78,578
- Total .....	6,396,692	90,504	5,220	115,096
Industry - Hydro .....	1,649,690	29,922	-	1,185
- Thermal .....	133,253	2,308	-	11,324
- Total .....	1,782,943	32,230	-	12,509
Total net generated .....	8,179,635	122,734	5,220	127,605
Energy imported:				
From other provinces .....	xxx	-	-	-
From United States .....	56,525	-	-	-
Total .....	56,525	-	-	-
Energy exported:				
To other provinces .....	xxx	3,988	-	867
To United States - primary .....	108,148	-	-	-
- secondary .....	316,784	-	-	-
Total .....	424,932	3,988	-	867
Total made available in Canada .....	7,811,228	118,746	5,220	126,738
(includes interruptable and at will energy and energy used in electric boilers)				
Used in electric boilers .....	386,599	19,445	-	-

Cumulative totals, January - November

Generated by:				
Utilities - Hydro .....	59,662,284	871,320	-	436,729
- Thermal .....	5,124,397	10,889	51,051	777,404
- Total .....	64,786,681	882,209	51,051	1,214,133
Industry - Hydro .....	15,641,826	309,243	-	25,578
- Thermal .....	1,594,216	35,428	-	105,845
- Total .....	17,236,042	344,671	-	131,423
Total net generated .....	82,022,723	1,226,880	51,051	1,345,556
Energy imported:				
From other provinces .....	xxx	-	-	-
From United States .....	785,763	-	-	-
Total .....	785,763	-	-	-
Energy exported:				
To other provinces .....	xxx	40,618	-	7,951
To United States - primary .....	1,166,702	-	-	-
- secondary .....	3,241,611	-	-	-
Total .....	4,408,313	40,618	-	7,951
Total made available in Canada .....	78,400,173	1,186,262	51,051	1,337,605
(includes interruptable and at will energy and energy used in electric boilers)				
Used in electric boilers .....	2,278,843	99,056	-	-

Electric Power Statistics

November, 1957

New Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Yukon and N.W.T.
(Thousand kwh.)							
71,108	2,634,736	2,304,226	293,679	48,074	57,670	380,743	5,491
24,165	189	108,558	420	100,729	142,598	13,279	207
95,273	2,634,925	2,412,784	294,099	148,803	200,268	394,022	5,698
5,509	992,103	122,836	-	-	-	494,642	3,493
23,526	14,778	52,987	-	2,309	6,196	19,825	-
29,035	1,006,881	175,823	-	2,309	6,196	514,467	3,493
124,308	3,641,806	2,588,607	294,099	151,112	206,464	908,489	9,191
2,195	5,129	531,794	50,633	233	2,173	166	-
188	41	23,290	-	-	-	33,006	-
2,383	5,170	555,084	50,633	233	2,173	33,172	-
-	523,936	1,391	9,419	50,383	166	2,173	-
7,365	422	100,287	2	-	-	72	-
1,007	2,069	309,883	-	-	-	3,825	-
8,372	526,427	411,561	9,421	50,383	166	6,070	-
118,319	3,120,549	2,732,130	335,311	100,962	208,471	935,591	9,191
181	283,699	23,810	49,238	-	-	9,065	1,161

Cumulative totals, January - November

463,818	25,763,428	24,100,126	3,015,517	496,327	727,824	3,730,993	56,202
427,141	1,433	1,399,816	1,951	1,007,466	1,316,608	128,856	1,782
890,959	25,764,861	25,499,942	3,017,468	1,503,793	2,044,432	3,859,849	57,984
59,406	8,315,582	1,273,785	-	-	-	5,611,632	46,600
287,483	171,936	553,573	-	25,737	72,894	341,320	-
346,889	8,487,518	1,827,358	-	25,737	72,894	5,952,952	46,600
1,237,848	34,252,379	27,327,300	3,017,468	1,529,530	2,117,326	9,812,801	104,584
20,773	59,751	5,036,643	519,003	2,081	21,256	3,250	-
5,273	373	264,813	-	-	-	515,304	-
26,046	60,124	5,301,456	519,003	2,081	21,256	518,554	-
-	4,908,415	20,347	143,131	517,789	3,250	21,256	-
25,163	4,645	1,135,869	19	-	-	1,006	-
5,331	38,746	3,189,440	-	-	-	8,094	-
30,494	4,951,806	4,345,656	143,150	517,789	3,250	30,356	-
1,233,400	29,360,697	28,283,100	3,393,321	1,013,822	2,135,332	10,300,999	104,584
298	1,554,301	179,430	355,467	-	-	79,369	10,922



# Electric Power Statistics

January - November, 1957

Month	Daily Average		Total net generation	Imports from United States	Exports to United States	Total made available in Canada
	Total net generation	Total made available				
			(Thousand kwh.)			
January .....	* 260,343	* 251,128	* 8,070,624	64,939	350,610	* 7,784,953
February .....	* 259,972	* 248,597	* 7,279,228	31,221	349,741	* 6,960,708
March .....	* 250,840	* 236,980	* 7,776,035	19,464	389,110	* 7,406,389
April .....	* 249,084	* 235,738	* 7,472,505	27,701	428,069	* 7,072,137
May .....	* 243,982	* 231,998	* 7,563,441	64,733	436,229	* 7,191,945
June .....	* 225,067	* 214,887	* 6,752,005	95,110	400,519	* 6,446,596
July .....	* 229,002	* 215,546	* 7,099,075	113,200	530,357	* 6,681,918
August .....	* 221,889	* 213,872	* 6,878,557	98,317	346,829	* 6,630,045
September .....	* 230,715	* 222,227	* 6,921,443	112,298	366,937	* 6,666,804
October .....	* 259,038	* 249,931	* 8,030,175	102,255	384,581	* 7,747,849
November .....	272,681	260,374	8,179,635	56,525	424,932	7,811,228
December .....						
Total .....						

Month	Net generation - 1957						
	Utilities			Industry			Grand total
	Hydro	Thermal	Total	Hydro	Thermal	Total	
				(Thousand kwh.)			
January .....	* 5,620,267	632,830	* 6,253,097	1,654,555	162,972	1,817,527	* 8,070,624
February .....	* 5,126,908	527,507	* 5,654,415	1,466,697	158,116	1,624,813	* 7,279,228
March .....	* 5,592,899	504,383	* 6,097,282	1,509,030	169,723	1,678,753	* 7,776,035
April .....	* 5,391,878	421,023	* 5,812,901	1,507,957	151,647	1,659,604	* 7,472,505
May .....	* 5,503,546	382,408	* 5,885,954	1,533,616	143,871	1,677,487	* 7,563,441
June .....	* 5,075,715	386,639	* 5,462,354	1,148,747	140,904	1,289,651	* 6,752,005
July .....	* 5,447,646	358,432	* 5,806,078	1,170,830	122,167	1,292,997	* 7,099,075
August .....	* 5,139,203	437,971	* 5,577,176	1,164,490	138,930	1,303,420	* 6,878,557
September .....	* 5,135,925	467,560	* 5,603,483	1,190,140	127,820	1,317,960	* 6,921,443
October .....	* 5,705,953	531,296	* 6,237,249	1,648,093	* 144,833	* 1,792,926	* 8,030,175
November .....	5,922,344	474,348	6,396,692	1,649,690	133,253	1,782,943	8,179,635
December .....							

## Net generation, 1949-1956 CANADA

Year and month	Utilities			Industry			Grand total
	Hydro	Thermal	Total	Hydro	Thermal	Total	
				(Thousand kwh.)			
1949 .....	* 35,783,737	1,390,562	* 37,174,299	n.a.	n.a.	12,889,749	* 50,064,048
1950 .....	* 39,342,277	1,647,557	* 40,989,834	"	"	13,428,593	* 54,418,427
1951 .....	* 45,819,227	1,732,652	* 47,551,879	"	"	13,369,527	* 60,921,406
1952 .....	* 49,156,895	2,222,115	* 51,379,010	"	"	14,086,950	* 65,465,960
1953 .....	* 49,160,361	3,797,345	* 52,957,706	"	"	16,400,824	* 69,358,530
1954 .....	* 51,713,904	3,178,434	* 54,892,338	"	"	17,547,555	* 72,439,893
1955 .....	* 57,996,293	3,197,153	* 61,193,446	"	"	18,381,161	* 79,574,607
1956 - Total .....	* 64,014,072	4,292,898	* 68,306,970	"	"	19,119,968	* 87,426,938
January .....	* 5,212,385	380,823	* 5,593,208	"	"	n.a.	n.a.
February .....	* 4,964,742	367,465	* 5,332,207	"	"	"	"
March .....	* 5,195,004	378,947	* 5,573,951	"	"	"	"
April .....	* 5,121,018	292,701	* 5,413,719	"	"	"	"
May .....	* 5,507,845	263,531	* 5,771,376	"	"	"	"
June .....	* 5,292,976	239,425	* 5,532,401	"	"	"	"
July .....	* 5,220,087	275,108	* 5,495,195	"	"	"	"
August .....	* 5,324,392	313,748	* 5,638,140	"	"	"	"
September .....	* 5,333,341	347,156	* 5,680,497	"	"	"	"
October .....	* 5,704,358	427,078	* 6,131,436	"	"	"	"
November .....	* 5,496,255	488,630	* 5,984,885	"	"	"	"
December .....	* 5,641,669	518,286	* 6,159,955	"	"	"	"

\* revised.



## ELECTRIC POWER STATISTICS

### (Central Electric Stations)

Vol. 25 No. 12

Price: \$1.00 per year

December, 1957

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Statistics have been collected from only those firms which generate at least 10 million kilowatt hours per year. It is estimated, however, that the generation of these firms represents approximately 96 per cent of the total electricity production in Canada and consequently will reflect the growth of electric power generation more effectively than the previous series.

Total net generation as defined for the purpose of this series means total output less the amount used in station service; that is, the net amount available for domestic, commercial or industrial purposes. The amount of electric energy available for disposal in Canada is calculated by adding imports, and subtracting exports from the total net generation. These statistics on "Total made available" in Canada and in the provinces were previously classed as "consumption". The classification "Used in electric boilers" replaces what was formerly termed "consumption secondary", although secondary consumption did contain a relatively small amount of energy used for purposes other than electric boilers.

In order to establish historical continuity, statistics have been compiled on the new basis back to 1949. These comprise net generation totals for utilities and industry, by province, and appear as a special supplement in the June 1957 report. Although presented for utilities, monthly 1956 net generation figures are not available for industry.

Total net generation of electric energy in Canada rose 0.6 per cent in December to 8,224,685,000 kwh from 8,174,906,000 kwh one month earlier. Imports from the United States dropped 17.2 per cent to \$6,827,000 kwh while exports declined 1.0 per cent to 420,909,000 kwh. The total made available for use in Canada, at 7,850,603,000 kwh, was up 0.6 per cent from November's 7,806,460,000 kwh. Of these amounts 385,422,000 kwh in December and 386,599,000 kwh in November represent power produced for use in electric boilers.

Net generation during the twelve-month period ended in December amounted to 90,248,718,000 kwh as compared with 87,426,938,000 kwh in 1956, an increase of 3.2 per cent.

Although generation by utilities in 1957 rose 4.5 per cent to 71,389,945,000 kwh, production by industry declined 1.4 per cent to 18,858,773,000 largely as a result of strikes in the aluminum and pulp and paper industries.

Provincial totals of production of electric energy during the year are as follows (1956 data in brackets): Quebec - 37,986,711,000kwh, (37,660,271,000 kwh); Ontario - 29,982,854,000 kwh, (28,782,639,000); British Columbia - 10,540,836,000 kwh, (9,773,756,000); Manitoba - 3,338,170,000 kwh, (3,331,494,000); Alberta - 3,339,981,000 kwh, (2,076,453,000); Saskatchewan - 1,692,850,000 kwh, (1,569,231,000); Nova Scotia - 1,479,727,000 kwh, (1,464,565,000); New Brunswick - 1,361,428,000 kwh, (1,250,943,000); Newfoundland - 1,355,378,000 kwh, (1,354,805,000); Yukon and Northwest Territories - 114,048,000 kwh, (109,675,000); Prince Edward Island - 56,555,000 kwh, (53,000,000 kwh).

Prepared in the Transportation and Public Utilities Section.

504-509-127

Electric Power Statistics

December, 1957

	Canada	Newfoundland	Prince Edward Island	Nova Scotia
		(Thousand kwh.)		
Generated by:				
Utilities - Hydro .....	6,154,679	94,393	-	49,321
- Thermal .....	448,544	1,163	5,704	72,038
- Total .....	6,603,223	95,556	5,704	121,359
Industry - Hydro .....	1,508,131	30,200	-	2,402
- Thermal .....	113,331	2,742	-	10,410
- Total .....	1,621,462	32,942	-	12,812
Total net generated .....	8,224,685	128,498	5,704	134,171
Energy imported:				
From other provinces .....	XXX	-	-	-
From United States .....	46,827	-	-	-
Total .....	46,827	-	-	-
Energy exported:				
To other provinces .....	XXX	4,002	-	905
To United States - primary .....	110,137	-	-	-
- secondary .....	310,772	-	-	-
Total .....	420,909	4,002	-	905
Total made available in Canada .....	7,850,603	124,496	5,704	133,266
(includes interruptable and at will energy and energy used in electric boilers)				
Used in electric boilers .....	385,422	19,561	-	-

Cumulative totals, January - December

Generated by:				
Utilities - Hydro .....	65,816,950	965,713	-	486,050
- Thermal .....	5,572,995	12,052	56,755	849,442
- Total .....	71,389,945	977,765	56,755	1,335,492
Industry - Hydro .....	17,155,908	339,443	-	27,980
- Thermal .....	1,702,865	38,170	-	116,255
- Total .....	18,858,773	377,613	-	144,235
Total net generated .....	90,248,718	1,355,378	56,755	1,479,727
Energy imported:				
From other provinces .....	XXX	-	-	-
From United States .....	832,590	-	-	-
Total .....	832,590	-	-	-
Energy exported:				
To other provinces .....	XXX	44,620	-	8,856
To United States - primary .....	1,276,839	-	-	-
- secondary .....	3,552,423	-	-	-
Total .....	4,829,262	44,620	-	8,856
Total made available in Canada .....	86,252,046	1,310,758	56,755	1,470,871
(includes interruptable and at will energy and energy used in electric boilers)				
Used in electric boilers .....	2,664,265	118,617	-	-



Electric Power Statistics

December, 1957

New Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Yukon and N.W.T.
(Thousand kwh.)							
76,303	2,731,211	2,385,944	317,176	49,821	79,482	365,176	5,852
20,189	222	84,550	3,526	111,299	135,787	13,832	234
96,492	2,731,433	2,470,494	320,702	161,120	215,269	379,008	6,086
6,357	991,266	128,075	-	-	-	346,453	3,378
21,791	11,641	50,925	-	2,200	7,384	6,238	-
28,148	1,002,907	179,000	-	2,200	7,384	352,691	3,378
124,640	3,734,340	2,649,494	320,702	163,320	222,653	731,699	9,464
2,356	5,218	556,074	52,252	236	1,044	375	-
41	48	20,664	-	-	-	26,074	-
2,397	5,266	576,738	52,252	236	1,044	26,449	-
-	546,117	1,447	11,644	52,021	375	1,044	-
5,759	453	103,838	2	-	-	85	-
4,247	1,257	301,910	-	-	-	3,358	-
10,006	547,827	407,195	11,646	52,021	375	4,487	-
117,031	3,191,779	2,819,037	361,308	111,535	223,322	753,661	9,464
389	286,191	15,070	52,476	-	-	10,545	1,190

Cumulative totals, January - December

540,121	28,494,639	26,486,070	3,332,693	546,148	807,308	4,096,154	62,054
447,330	1,647	1,484,428	5,477	1,118,765	1,452,395	142,688	2,016
987,451	28,496,286	27,970,498	3,338,170	1,664,913	2,259,703	4,238,842	64,070
65,714	9,306,848	1,407,860	-	-	-	5,958,085	49,978
308,263	183,577	604,496	-	27,937	80,278	343,889	-
373,977	9,490,425	2,012,356	-	27,937	80,278	6,301,974	49,978
1,361,428	37,986,711	29,982,854	3,338,170	1,692,850	2,339,981	10,540,836	114,048
23,129	64,969	5,592,717	571,255	2,317	22,300	3,625	-
5,314	421	285,477	-	-	-	541,378	-
28,443	65,390	5,878,194	571,255	2,317	22,300	545,003	-
-	5,454,532	21,794	154,775	569,810	3,625	22,300	-
30,922	5,098	1,239,707	21	-	-	1,091	-
9,617	40,003	3,491,350	-	-	-	11,453	-
40,539	5,499,633	4,752,851	154,796	569,810	3,625	34,844	-
1,349,332	32,552,468	31,108,197	3,754,629	1,125,357	2,358,656	11,050,995	114,048
687	1,840,492	194,500	407,943	-	-	89,914	12,112

# Electric Power Statistics

January - December, 1957

Month	Daily Average		Total net generation	Imports from United States	Exports to United States	Total made available in Canada
	Total net generation	Total made available				
			(Thousand kwh.)			
January .....	260,343	251,128	8,070,624	64,939	350,610	7,784,953
February .....	259,972	* 248,582	7,279,226	31,221	* 350,141	* 6,960,306
March .....	250,840	236,980	7,776,033	19,464	389,110	7,406,387
April .....	249,283	235,938	7,478,500	27,701	428,069	7,078,132
May .....	243,982	231,998	7,563,458	64,733	436,229	7,191,962
June .....	225,067	214,887	6,752,005	95,110	400,519	6,446,596
July .....	229,002	215,546	7,099,074	113,200	530,357	6,681,917
August .....	221,889	213,872	6,878,595	98,317	346,829	6,630,083
September .....	230,715	222,227	6,921,443	112,298	366,937	6,666,804
October .....	259,038	249,931	8,030,169	102,255	384,581	7,747,843
November .....	272,497	* 260,215	8,174,906	56,525	* 424,971	* 7,806,460
December .....	265,312	253,245	8,224,685	46,827	420,909	7,850,603
Total .....	247,257	236,307	90,248,718	832,590	4,829,262	86,252,046

Month	Net generation -1957						
	Utilities			Industry			Grand total
	Hydro	Thermal	Total	Hydro	Thermal	Total	
	(Thousand kwh.)						
January .....	5,620,267	632,830	6,253,097	1,654,555	162,972	1,817,527	8,070,624
February .....	5,126,908	527,507	5,654,415	1,466,697	158,114	1,624,811	7,279,226
March .....	5,592,897	504,383	6,097,280	1,509,030	169,723	1,678,753	7,776,033
April .....	* 5,391,873	421,023	* 5,812,896	* 1,513,957	151,647	* 1,665,604	* 7,478,500
May .....	5,503,548	* 382,423	* 5,885,971	1,533,616	143,871	1,677,487	* 7,563,458
June .....	5,075,715	386,639	5,462,354	1,148,747	140,904	1,289,651	6,752,005
July .....	5,447,645	358,432	5,806,077	1,170,830	122,167	1,292,997	7,099,074
August .....	5,139,204	* 438,010	* 5,577,214	* 1,162,471	* 138,910	* 1,301,381	* 6,878,595
September .....	5,135,923	467,560	5,603,483	1,190,140	127,820	1,317,960	6,921,443
October .....	5,705,947	531,296	6,237,243	1,648,093	144,833	1,792,926	8,030,169
November .....	5,922,344	474,348	6,396,692	* 1,649,641	* 128,573	* 1,778,214	* 8,174,906
December .....	6,154,679	448,544	6,603,223	1,508,131	113,331	1,621,462	8,224,685

\* revised

## Net generation, 1949-1956 CANADA

Year and month	Utilities			Industry			Grand total
	Hydro	Thermal	Total	Hydro	Thermal	Total	
				(Thousand kwh.)			
1949 .....	35,783,737	1,390,562	37,174,299	n.a.	n.a.	12,889,749	50,064,048
1950 .....	39,342,277	1,647,557	40,989,834	"	"	13,428,593	54,418,427
1951 .....	45,819,227	1,732,652	47,551,879	"	"	13,369,527	60,921,406
1952 .....	49,156,895	2,222,115	51,379,010	"	"	14,086,950	65,465,960
1953 .....	49,160,361	3,797,345	52,957,706	"	"	16,400,824	69,358,530
1954 .....	51,713,904	3,178,434	54,892,338	"	"	17,547,555	72,439,893
1955 .....	57,996,293	3,197,153	61,193,446	"	"	18,381,161	79,574,607
1956 - Total .....	64,014,072	4,292,898	68,306,970	n.a.	n.a.	19,119,968 n.a.	87,426,938 n.a.
January .....	5,212,385	380,823	5,593,208	"	"	"	"
February .....	4,964,742	367,465	5,332,207	"	"	"	"
March .....	5,195,004	378,947	5,573,951	"	"	"	"
April .....	5,121,018	292,701	5,413,719	"	"	"	"
May .....	5,507,845	263,531	5,771,376	"	"	"	"
June .....	5,292,976	239,425	5,532,401	"	"	"	"
July .....	5,220,087	275,108	5,495,195	"	"	"	"
August .....	5,324,392	313,748	5,638,140	"	"	"	"
September .....	5,333,341	347,156	5,680,497	"	"	"	"
October .....	5,704,358	427,078	6,131,436	"	"	"	"
November .....	5,496,255	488,630	5,984,885	"	"	"	"
December .....	5,641,669	518,286	6,159,955	"	"	"	"

## DOMINION BUREAU OF STATISTICS

OTTAWA - CANADA

Published by Authority of the Hon. Gordon Churchill, Minister of Trade and Commerce



Memorandum

Vol. 26 No. 1

# ELECTRIC POWER STATISTICS

## (Central Electric Stations)

January, 1958

Price: \$1.00 per year

Monthly electric power statistics have been published on the present basis since January 1957. The "Central Electric Stations" series discontinued at that time dealt exclusively with power produced for sale, whether by utilities or by industrial establishments servicing adjoining communities or selling small amounts of power to regular customers. Specifically excluded from the "Central Electric Stations" report was power produced by industry for own use. The revised series which includes this production is therefore a much more reliable economic indicator.

Although the revised series embraces both power produced for own use and power produced for sale it does not reflect the entire production of electric energy in Canada. In order to expedite collection and compilation of returns only firms which generate at least 10 million kilowatt hours per annum are asked to report monthly statistics. These firms, however, were found to have accounted for 98.8 per cent of total production in 1956. With the addition of new firms to the large power class and with the growth of those now included it is expected that this proportion will continue to increase from year to year.

Net generation as defined for the purpose of this series means total output less the amount used in station service. The amount made available in Canada is arrived at by deducting exports to the United States from the sum total of net generation and imports. Energy made available includes power produced for use in electric boilers, the amounts of which are reported separately for each province.

An historical series on the new basis has been compiled back to the year 1949. Canada totals appear on page 4 of this report while those for the provinces were published in a special supplement to the June 1957 report.

Net generation of electric energy in Canada by firms producing 10 million kilowatt hours or more per annum amounted to 8,551,399 megawatt hours in January 1958 as compared with 8,070,624 mwh one year ago, an increase of 6.0 per cent. Firms reporting for the first time this year accounted for only 0.4 of the rise. Imports from the United States at 23,391 mwh were down 64.0 per cent and exports at 335,350 mwh were off 4.4 per cent from the corresponding totals for January 1957. The total amount of electric energy made available for use in Canada in January rose 5.8 per cent to 8,239,440 mwh from the 7,784,953 mwh reported one year ago. However, of the amount made available, 434,608 mwh, as compared with 138,512 mwh in January 1957, were for use in electric boilers.

Generation by utilities was up 7.6 per cent over the previous January while that by industry increased only 0.2 per cent.

Provincial totals of production of electric energy during January are as follows (1957 data in brackets): Quebec, 3,854,160 mwh (3,426,167); Ontario, 2,656,558 mwh (2,571,195); British Columbia, 900,79 mwh (999,756); Manitoba, 336,541 mwh (307,887); Alberta, 230,275 mwh (221,750); Saskatchewan, 164,022 mwh (159,267); Nova Scotia, 138,750 mwh (137,913); New Brunswick, 128,527 mwh (108,936); Newfoundland, 26,975 mwh (123,492); Yukon and Northwest Territories, 9,889 mwh (9,091); and Prince Edward Island, 5,523 mwh (5,170).

Prepared in the Transportation and Public Utilities Section.

04-509-18



Electric Energy Made Available  
January, 1958

	Canada	Newfoundland	Prince Edward Island	Nova Scotia
	(Thousand kwh.)			
Net generation				
Utilities - Hydro .....	6,293,418	94,044	-	52,331
- Thermal .....	437,638	236	5,523	73,458
- Total .....	6,731,056	94,280	5,523	125,789
Industry - Hydro .....	1,696,780	29,101	-	3,072
- Thermal .....	123,563	3,594	-	9,889
- Total .....	1,820,343	32,695	-	12,961
Total net generation .....	8,551,399	126,975	5,523	138,750
Energy imported:				
From other provinces .....	xxx	-	-	-
From United States .....	23,391	-	-	-
Total .....	23,391	-	-	-
Energy exported:				
To other provinces .....	xxx	4,086	-	906
To United States - primary .....	111,344	-	-	-
- secondary .....	224,006	-	-	-
Total .....	335,350	4,086	-	906
Energy made available in Canada <sup>1/</sup> .....	8,239,440	122,889	5,523	137,844
Amount used in electric boilers .....	434,608	15,328	-	-

Cumulative totals, January -

Net generation				
Utilities - Hydro .....				
- Thermal .....				
- Total .....				
Industry - Hydro .....				
- Thermal .....				
- Total .....				
Total net generation .....				
Energy imported:				
From other provinces .....				
From United States .....				
Total .....				
Energy exported:				
To other provinces .....				
To United States - primary .....				
- secondary .....				
Total .....				
Energy made available in Canada <sup>1/</sup> .....				
Amount used in electric boilers .....				
January, 1957				
Total net generation .....	8,070,624	123,492	5,170	137,911
Total energy imported .....	64,939	-	-	-
Total energy exported .....	350,610	-	-	-
Total made available in Canada <sup>1/</sup> .....	7,784,953	123,492	5,170	137,911
Used in electric boilers .....	138,512	10,803	-	-

(1) Includes interruptable and at will energy and energy used in electric boilers.

Electric Energy Made Available  
January, 1958

New Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Yukon and N.W.T.
(Thousand kwh.)							
84,521	2,799,442	2,383,088	332,282	51,052	89,637	401,047	5,974
14,882	68	81,072	4,259	110,530	132,348	15,005	257
99,403	2,799,510	2,464,160	336,541	161,582	221,985	416,052	6,231
6,987	1,042,350	136,681	-	-	-	474,931	3,658
22,137	12,300	55,717	-	2,440	8,290	9,196	-
29,124	1,054,650	192,398	-	2,440	8,290	484,127	3,658
128,527	3,854,160	2,656,558	336,541	164,022	230,275	900,179	9,889
2,332	5,391	532,453	53,561	259	922	720	-
36	46	19,137	-	-	-	4,172	-
2,368	5,437	551,590	53,561	259	922	4,892	-
-	517,107	1,374	17,031	53,492	720	922	-
6,025	446	104,801	2	-	-	70	-
5,131	2,986	215,142	-	-	-	747	-
11,156	520,539	321,317	17,033	53,492	720	1,739	-
119,739	3,339,058	2,886,831	373,069	110,789	230,477	903,332	9,889
461	328,021	19,208	58,484	-	-	11,350	1,756

Cumulative totals,

108,936	3,426,167	2,571,195	307,887	159,267	221,750	999,756	9,091
1,329	37	59,775	-	-	-	3,798	-
2	4,942	345,027	2	-	-	637	-
110,263	3,421,262	2,285,943	307,885	159,267	221,750	1,002,917	9,191
-	78,770	2,437	27,349	-	-	17,945	1,218

Electric Energy Made Available  
January, 1958

Month	Total net generation	Imports from United States	Exports to United States	Total made available in Canada	Daily Average	
					Total net generation	Total made available
			(Thousand kwh.)			
January .....	8,551,399	23,391	335,350	8,239,440	275,851	265,700
February .....						
March .....						
April .....						
May .....						
June .....						
July .....						
August .....						
September .....						
October .....						
November .....						
December .....						
Total .....						

Net generation, 1949-1958  
CANADA

Year and month	Utilities			Industry			Grand total
	Hydro	Thermal	Total	Hydro	Thermal	Total	
				(Thousand kwh.)			
1949 .....	35,783,737	1,390,562	37,174,299	n.a.	n.a.	12,889,749	50,064,048
1950 .....	39,342,277	1,647,557	40,989,834	"	"	13,428,593	54,418,427
1951 .....	45,819,227	1,732,652	47,551,879	"	"	13,369,527	60,921,406
1952 .....	49,156,895	2,222,115	51,379,010	"	"	14,086,950	65,465,960
1953 .....	49,160,361	3,797,345	52,957,706	"	"	16,400,824	69,358,530
1954 .....	51,713,904	3,178,434	54,892,338	"	"	17,547,555	72,439,893
1955 .....	57,996,293	3,197,153	61,193,446	"	"	18,381,161	79,574,607
1956 .....	64,014,072	4,292,898	68,306,970	"	"	19,119,968	87,426,938
1957 - Total .....	65,817,043	5,572,995	71,390,038	17,155,908	1,702,865	18,858,773	90,248,816
January .....	5,620,267	632,830	6,253,097	1,654,555	162,972	1,817,527	8,070,624
February .....	5,126,908	527,507	5,654,415	1,466,697	158,114	1,624,811	7,279,226
March .....	5,592,897	504,383	6,097,280	1,509,030	169,723	1,678,753	7,776,033
April .....	5,391,873	421,023	5,812,896	1,513,957	151,647	1,665,604	7,478,500
May .....	5,503,548	382,423	5,885,971	1,533,616	143,871	1,677,487	7,563,458
June .....	5,075,715	386,639	5,462,354	1,148,747	140,904	1,289,651	6,752,005
July .....	5,447,645	358,432	5,806,077	1,170,830	122,167	1,292,997	7,099,074
August .....	5,139,204	438,010	5,577,214	1,162,471	138,910	1,301,381	6,878,595
September .....	5,135,923	467,560	5,603,483	1,190,140	127,820	1,317,960	6,921,443
October .....	5,705,947	531,296	6,237,243	1,648,093	144,833	1,792,926	8,030,169
November .....	5,922,344	474,348	6,396,692	1,649,641	128,573	1,778,214	8,174,906
December .....	6,154,772	448,544	6,603,316	1,508,131	113,331	1,621,462	8,224,778
1958							
January .....	6,293,418	437,638	6,731,056	1,696,780	123,563	1,820,343	8,551,400
February .....							
March .....							
April .....							
May .....							
June .....							
July .....							
August .....							
September .....							
October .....							
November .....							
December .....							



Canada. 111  
DOMINION BUREAU OF STATISTICS

OTTAWA - CANADA



Memorandum

Published by Authority of the Hon. Gordon Churchill, Minister of Trade and Commerce

ELECTRIC POWER STATISTICS

Vol. 26 No. 2

Price: \$1.00 per year

February, 1958

Monthly electric power statistics have been published on the present basis since January 1957. The "Central Electric Stations" series discontinued at that time dealt exclusively with power produced for sale, whether by utilities or by industrial establishments servicing adjoining communities or selling small amounts of power to regular customers. Specifically excluded from the "Central Electric Stations" report was power produced by industry for own use. The revised series which includes this production is therefore a much more reliable economic indicator.

Although the revised series embraces both power produced for own use and power produced for sale it does not reflect the entire production of electric energy in Canada. In order to expedite collection and compilation of returns only firms which generate at least 10 million kilowatt hours per annum are asked to report monthly statistics. These firms, however, were found to have accounted for 98.8 per cent of total production in 1956. With the addition of new firms to the large power class and with the growth of those now included it is expected that this proportion will continue to increase from year to year.

Net generation as defined for the purpose of this series means total output less the amount used in station service. The amount made available in Canada is arrived at by deducting exports to the United States from the sum total of net generation and imports. Energy made available includes power produced for use in electric boilers, the amounts of which are reported separately for each province.

An historical series on the new basis has been compiled back to the year 1949. Canada totals appear on page 4 of this report while those for the provinces were published in a special supplement to the June 1957 report.

Total net generation of electric energy in Canada by firms which produce 10 million kilowatt hours or more per annum amounted to 7,791,305 megawatt hours in February 1958 as compared with 7,279,226 one year ago, an increase of 7.0 per cent. Imports from the United States at 21,054 mwh were down 32.6 per cent and exports at 293,032 mwh 16.3 per cent from the corresponding totals for February 1957. The total amount of electric energy made available for use in Canada rose 8.0 per cent in February to 7,519,327 mwh from 6,960,106 one year ago. However, of the total made available, 411,065 mwh, as compared with 120,819 mwh in February 1957, were for use in electric boilers.

Generation by utilities rose 8.2 per cent over the previous February while that by industry increased 3.1 per cent.

Provincial totals of production of electric energy during February are as follows (1957 data in brackets): Quebec, 3,440,821 mwh (3,091,384); Ontario, 2,408,990 mwh (2,321,138); British Columbia, 903,461 mwh (903,646); Manitoba, 298,717 mwh (281,261); Alberta, 218,141 mwh (198,105); Saskatchewan, 153,957 mwh (140,385); Nova Scotia, 125,518 mwh (119,892); New Brunswick, 117,340 mwh (98,124); Newfoundland, 110,213 mwh (112,528); Yukon and Northwest Territories, 9,340 mwh (8,353); and Prince Edward Island, 4,807 mwh (4,410).

Prepared in the Transportation and Public Utilities Section.

504-509-28

Electric Energy Made Available  
February, 1958

	Canada	Newfoundland	Prince Edward Island	Nova Scotia
	(Thousand kwh.)			
Net generation				
Utilities:				
Hydro .....	5,688,336	80,708	-	53,279
Thermal .....	427,520	1,037	4,807	59,190
Total .....	6,115,856	81,745	4,807	112,469
Industry:				
Hydro .....	1,539,513	25,816	-	3,216
Thermal .....	135,936	2,652	-	9,833
Total .....	1,675,449	28,468	-	13,049
Total net generation .....	7,791,305	110,213	4,807	125,518
Energy imported:				
From other provinces .....	xxx	996	-	-
From United States .....	21,054	-	-	-
Total .....	21,054	996	-	-
Energy exported:				
To other provinces .....	xxx	3,868	-	827
To United States - primary .....	100,124	-	-	-
secondary .....	192,908	-	-	-
Total .....	293,032	3,868	-	827
Energy made available in Canada <sup>1</sup> .....	7,519,327	107,341	4,807	124,691
Amount used in electric boilers .....	411,065	14,614	-	-

Cumulative totals, January - February

Net generation				
Utilities:				
Hydro .....	11,982,875	174,752	-	105,610
Thermal .....	865,183	1,273	10,330	132,648
Total .....	12,848,058	176,025	10,330	238,258
Industry:				
Hydro .....	3,241,425	54,917	-	6,288
Thermal .....	264,232	6,246	-	19,722
Total .....	3,505,657	61,163	-	26,010
Total net generation .....	16,353,715	237,188	10,330	264,268
Energy imported:				
From other provinces .....	xxx	1,946	-	-
From United States .....	44,445	-	-	-
Total .....	44,445	1,946	-	-
Energy exported:				
To other provinces .....	xxx	7,954	-	1,733
To United States - primary .....	211,468	-	-	-
secondary .....	416,914	-	-	-
Total .....	628,382	7,954	-	1,733
Energy made available in Canada <sup>1</sup> .....	15,769,778	231,180	10,330	262,535
Amount used in electric boilers .....	846,916	29,942	-	-
February, 1957				
Total net generation .....	7,279,226	112,528	4,410	119,892
Total energy imported .....	31,221	-	-	-
Total energy exported .....	350,141	-	-	-
Total made available in Canada <sup>1</sup> .....	6,960,306	112,528	4,410	119,892
Used in electric boilers .....	120,819	11,632	-	-
January - February				
Total net generation .....	15,349,850	236,020	9,580	257,805
Total energy imported .....	96,160	-	-	-
Total energy exported .....	700,751	-	-	-
Total made available in Canada <sup>1</sup> .....	14,745,259	236,020	9,580	257,805
Used in electric boilers .....	259,331	22,435	-	-

1. Includes interruptable and at will energy and energy used in electric boilers.

Electric Energy Made Available  
February, 1958

New Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Yukon and N.W.T.
(Thousand kwh.)							
70,564	2,509,082	2,123,546	292,127	49,135	98,980	404,880	6,035
19,552	63	110,783	3,840	102,726	111,287	13,993	242
90,116	2,509,145	2,234,329	295,967	151,861	210,267	418,873	6,277
4,397	916,345	122,608	2,100	-	-	461,968	3,063
22,827	15,331	52,053	650	2,096	7,874	22,620	-
27,224	931,676	174,661	2,750	2,096	7,874	484,588	3,063
117,340	3,440,821	2,408,990	298,717	153,957	218,141	903,461	9,340
2,029	5,047	475,543	51,296	250	554	689	-
17	51	20,055	-	-	-	931	-
2,046	5,098	495,598	51,296	250	554	1,620	-
-	466,832	1,244	11,159	51,231	689	554	-
5,140	392	94,518	2	-	-	72	-
4,101	3,947	184,006	-	-	-	854	-
9,241	471,171	279,768	11,161	51,231	689	1,480	-
110,145	2,974,748	2,624,820	338,852	102,976	218,006	903,601	9,340
-	320,716	20,453	43,663	-	-	9,877	1,742

Cumulative totals, January - February

155,085	5,309,645	4,506,634	624,409	100,187	188,617	805,927	12,009
34,434	156	191,855	8,099	213,256	243,635	28,998	499
189,519	5,309,801	4,698,489	632,508	313,443	432,252	834,925	12,508
11,384	1,961,574	259,289	4,353	-	-	936,899	6,721
44,964	31,665	107,770	1,349	4,536	16,164	31,816	-
56,348	1,993,239	367,059	5,702	4,536	16,164	968,715	6,721
245,867	7,303,040	5,065,548	638,210	317,979	448,416	1,803,640	19,229
4,361	10,438	1,007,996	104,857	509	1,476	1,409	-
53	97	39,192	-	-	-	5,103	-
4,414	10,535	1,047,188	104,857	509	1,476	6,512	-
-	984,889	2,618	28,190	104,723	1,409	1,476	-
11,165	838	199,319	4	-	-	142	-
9,232	6,933	399,148	-	-	-	1,601	-
20,397	992,660	601,085	28,194	104,723	1,409	3,219	-
229,884	6,320,915	5,511,651	714,873	213,765	448,483	1,806,933	19,229
461	649,447	40,194	102,147	-	-	21,227	3,498
98,124	3,091,384	2,321,138	281,261	140,385	198,105	903,646	8,353
1,430	37	25,246	-	-	-	4,508	-
2	4,946	343,619	1	-	-	1,573	-
99,552	3,086,475	2,002,765	281,260	140,385	198,105	906,581	8,353
-	51,205	2,744	37,734	-	-	16,378	1,126
207,060	6,517,551	4,892,333	589,148	299,652	419,855	1,903,402	17,444
2,759	74	85,021	-	-	-	8,306	-
4	9,888	688,646	3	-	-	2,210	-
209,815	6,507,737	4,288,708	589,145	299,652	419,855	1,909,498	17,444
-	129,975	5,181	65,083	-	-	34,323	2,334



Electric Energy Made Available  
February, 1958

Month	Total net generation	Imports from United States	Exports to United States	Total made available in Canada	Daily Average	
					Total net generation	Total made available
(Thousand kwh.)						
January*	8,558,410	23,391	335,350	8,246,451	276,078	266,015
February	7,791,305	21,054	293,032	7,519,327	278,261	268,547
March						
April						
May						
June						
July						
August						
September						
October						
November						
December						
Total						

Net generation, 1949-1958  
CANADA

Year and month	Utilities			Industry			Grand total
	Hydro	Thermal	Total	Hydro	Thermal	Total	
(Thousand kwh.)							
1949	35,783,737	1,390,562	37,174,299	n.a.	n.a.	12,889,749	50,064,048
1950	39,342,277	1,647,557	40,989,834	"	"	13,428,593	54,418,427
1951	45,819,227	1,732,652	47,551,879	"	"	13,369,527	60,921,406
1952	49,156,895	2,222,115	51,379,010	"	"	14,086,950	65,465,960
1953	49,160,361	3,797,345	52,957,706	"	"	16,400,824	69,358,530
1954	51,713,904	3,178,434	54,892,338	"	"	17,547,555	72,439,893
1955	57,996,293	3,197,153	61,193,446	"	"	18,381,161	79,574,607
1956	64,014,072	4,292,898	68,306,970	"	"	19,119,968	87,426,938
1957 - Total	65,817,043	5,572,995	71,390,038	17,155,908	1,702,865	18,858,773	90,248,811
January	5,620,267	632,830	6,253,097	1,654,555	162,972	1,817,527	8,070,624
February	5,126,908	527,507	5,654,415	1,466,697	158,114	1,624,811	7,279,226
March	5,592,897	504,383	6,097,280	1,509,030	169,723	1,678,753	7,776,033
April	5,391,873	421,023	5,812,896	1,513,957	151,647	1,665,604	7,478,500
May	5,503,548	382,423	5,885,971	1,533,616	143,871	1,677,487	7,563,458
June	5,075,715	386,639	5,462,354	1,148,747	140,904	1,289,651	6,752,005
July	5,447,645	358,432	5,806,077	1,170,830	122,167	1,292,997	7,099,074
August	5,139,204	438,010	5,577,214	1,162,471	138,910	1,301,381	6,878,595
September	5,135,923	467,560	5,603,483	1,190,140	127,820	1,317,960	6,921,443
October	5,705,947	531,296	6,237,243	1,648,093	144,833	1,792,926	8,030,169
November	5,922,344	474,348	6,396,692	1,649,641	128,573	1,778,214	8,174,906
December	6,154,772	448,544	6,603,316	1,508,131	113,331	1,621,462	8,224,778
1958							
January*	6,294,539	437,663	6,732,202	1,697,912	128,296	1,826,208	8,558,410
February	5,688,336	427,520	6,115,856	1,539,513	135,936	1,675,449	7,791,305
March							
April							
May							
June							
July							
August							
September							
October							
November							
December							

\* Revised.

# DOMINION BUREAU OF STATISTICS

OTTAWA - CANADA

Published by Authority of the Hon. Gordon Churchill, Minister of Trade and Commerce



Memorandum

## ELECTRIC POWER STATISTICS

Vol. 26 No. 3

Price: \$1.00 per year

March, 1958

Monthly electric power statistics have been published on the present basis since January 1957. The "Central Electric Stations" series discontinued at that time dealt exclusively with power produced for sale, whether by utilities or by industrial establishments servicing adjoining communities or selling small amounts of power to regular customers. Specifically excluded from the "Central Electric Stations" report was power produced by industry for own use. The revised series which includes this production is therefore a much more reliable economic indicator.

Although the revised series embraces both power produced for own use and power produced for sale it does not reflect the entire production of electric energy in Canada. In order to expedite collection and compilation of returns only firms which generate at least 10 million kilowatt hours per annum are asked to report monthly statistics. These firms, however, were found to have accounted for 98.8 per cent of total production in 1956. With the addition of new firms to the large power class and with the growth of those now included it is expected that this proportion will continue to increase from year to year.

Net generation as defined for the purpose of this series means total output less the amount used in station service. The amount made available in Canada is arrived at by deducting exports to the United States from the sum total of net generation and imports. Energy made available includes power produced for use in electric boilers, the amounts of which are reported separately for each province.

An historical series on the new basis has been compiled back to the year 1949. Canada totals appear on page 4 of this report while those for the provinces were published in a special supplement to the June 1957 report.

Total net generation of electric energy in Canada by firms which produce 10 million kilowatt hours or more per annum amounted to 8,469,394 megawatt hours in March 1958 as compared with 7,776,033 one year ago, an increase of 8.9 per cent. Imports from the United States at 12,501 mwh were down 35.8 per cent from the previous March but exports at 441,702 mwh were up 13.5 per cent. Electric energy made available for use in Canada increased 8.6 per cent to 8,040,193 mwh from 7,406,387. Of the total made available in March, 467,843 mwh were for use in electric boilers as compared with 148,406 mwh in March 1957.

Generation by utilities rose 8.4 per cent over the previous March while that by industry increased 11.0 per cent.

Provincial totals of production of electric energy during March are as follows (1957 data in brackets): Quebec, 3,747,494 mwh (3,188,106); Ontario, 2,620,590 mwh (2,580,239); British Columbia, 1,023,933 mwh (982,525); Manitoba, 309,191 mwh (302,376); Alberta, 217,984 mwh (198,189); Saskatchewan, 157,814 mwh (145,619); Nova Scotia, 131,657 mwh (130,765); New Brunswick, 124,016 mwh (112,062); Newfoundland, 121,959 mwh (122,712); Yukon and Northwest Territories, 10,147 mwh (8,789); and Prince Edward Island, 5,155 mwh (4,651).

Prepared in the Transportation and Public Utilities Section.

504-509-38

Electric Energy Made Available  
March, 1958

	Canada	Newfoundland	Prince Edward Island	Nova Scotia
	(Thousand kwh.)			
Net generation				
Utilities:				
Hydro .....	6,217,035	85,993	-	58,871
Thermal .....	388,805	3,391	5,155	59,685
Total .....	6,605,840	89,384	5,155	118,556
Industry:				
Hydro .....	1,723,755	29,912	-	3,385
Thermal .....	139,799	2,663	-	9,716
Total .....	1,863,554	32,575	-	13,101
Total net generation .....	8,469,394	121,959	5,155	131,657
Energy imported:				
From other provinces .....	xxx	1,104	-	-
From United States .....	12,501	-	-	-
Total .....	12,501	1,104	-	-
Energy exported:				
To other provinces .....	xxx	3,915	-	869
To United States - primary .....	105,809	-	-	-
secondary .....	335,893	-	-	-
Total .....	441,702	3,915	-	869
Energy made available in Canada <sup>1</sup> .....	8,040,193	119,148	5,155	130,788
Amount used in electric boilers .....	467,843	17,570	-	-

Cumulative totals, January - March

Net generation				
Utilities:				
Hydro .....	18,199,910	260,745	-	164,481
Thermal .....	1,253,988	4,664	15,485	192,333
Total .....	19,453,898	265,409	15,485	356,814
Industry:				
Hydro .....	4,961,364	84,829	-	9,673
Thermal .....	402,553	8,909	-	29,438
Total .....	5,363,917	93,738	-	39,111
Total net generation .....	24,817,815	359,147	15,485	395,925
Energy imported:				
From other provinces .....	xxx	3,050	-	-
From United States .....	56,946	-	-	-
Total .....	56,946	3,050	-	-
Energy exported:				
To other provinces .....	xxx	11,869	-	2,602
To United States - primary .....	317,277	-	-	-
secondary .....	752,807	-	-	-
Total .....	1,070,084	11,869	-	2,602
Energy made available in Canada <sup>1</sup> .....	23,804,677	350,328	15,485	393,323
Amount used in electric boilers .....	1,316,109	47,512	-	-
March, 1957				
Total net generation .....	7,776,033	122,712	4,651	130,765
Total energy imported .....	19,464	-	-	-
Total energy exported .....	389,110	4,113	-	725
Total made available in Canada <sup>1</sup> .....	7,406,387	118,599	4,651	130,040
Used in electric boilers .....	148,406	10,748	-	-
January - March				
Total net generation .....	23,125,883	358,732	14,231	388,570
Total energy imported .....	115,624	-	-	-
Total energy exported .....	1,089,861	12,932	-	2,321
Total made available in Canada <sup>1</sup> .....	22,151,646	345,800	14,231	386,249
Used in electric boilers .....	407,737	33,183	-	-

1. Includes interruptable and at will energy and energy used in electric boilers.

2. Quebec energy exported to the United States via Ontario has been treated in previous reports as (1) an export from Quebec to Ontario and (2) an export from Ontario to the United States. In this and future reports it will be shown as a direct export from Quebec to the United States. Cumulative figures have been revised accordingly.



Electric Energy Made Available

March, 1958

New Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Yukon and N.W.T.
(Thousand kwh.)							
76,923	2,713,423	2,363,924	305,148	49,755	99,414	457,235	6,349
16,090	8	71,598	1,123	105,426	113,349	12,765	215
93,013	2,713,431	2,435,522	306,271	155,181	212,763	470,000	6,564
3,991	1,019,572	135,345	2,918	-	-	525,049	3,583
27,012	14,491	49,723	2	2,633	4,675	28,884	-
31,003	1,034,063	185,068	2,920	2,633	4,675	553,933	3,583
124,016	3,747,494	2,620,590	309,191	157,814	217,438	1,023,933	10,147
2,172	5,035	541,595 <sup>2</sup>	52,692	215	558	12	-
22	41	11,188	-	-	-	1,250	-
2,194	5,076	552,783 <sup>2</sup>	52,692	215	558	1,262	-
-	531,052 <sup>2</sup>	1,424	13,165	52,388	12	558	-
5,144	35,918 <sup>2</sup>	64,656 <sup>2</sup>	2	-	-	89	-
4,573	3,122	326,972	-	-	-	1,226	-
9,717	570,092 <sup>2</sup>	393,052 <sup>2</sup>	13,167	52,388	12	1,873	-
116,493	3,182,478 <sup>2</sup>	2,780,321 <sup>2</sup>	348,716	105,641	217,984	1,023,322	10,147
9	339,902	32,297	64,086	-	-	12,026	1,953

Cumulative totals, January - March

232,008	8,023,068	6,870,558	929,557	149,942	288,031	1,263,162	18,358
50,524	164	263,453	9,222	318,682	356,984	41,763	714
282,532	8,023,232	7,134,011	938,779	468,624	645,015	1,304,925	19,072
15,375	2,977,371	394,634	7,230	-	-	1,461,948	10,304
71,976	46,156	157,493	1,108	7,169	20,839	59,465	-
87,351	3,023,527	552,127	8,338	7,169	20,839	1,521,413	10,304
369,883	11,046,759	7,686,138	947,117	475,793	665,854	2,826,338	29,376
6,533	15,473	1,469,103 <sup>2</sup>	157,549	724	2,034	1,421	-
75	138	50,380	-	-	-	6,353	-
6,608	15,611	1,519,483	157,549	724	2,034	7,774	-
-	1,435,453 <sup>2</sup>	4,042	41,355	157,111	1,421	2,034	-
16,309	117,244 <sup>2</sup>	183,487 <sup>2</sup>	6	-	-	231	-
13,805	10,055	726,120	-	-	-	2,827	-
30,114	1,562,752 <sup>2</sup>	913,649 <sup>2</sup>	41,361	157,111	1,421	5,092	-
346,377	9,499,618 <sup>2</sup>	8,291,972 <sup>2</sup>	1,063,305	319,406	666,467	2,829,020	29,376
470	990,699	72,491	166,233	-	-	33,253	5,451
112,062	3,188,106	2,580,239	302,376	145,619	198,189	982,525	8,789
2,365	5,184	428,887 <sup>2</sup>	50,924	189	2,896	907	-
2,278	455,100 <sup>2</sup>	336,073 <sup>2</sup>	8,165	50,862	27	3,655	-
112,149	2,738,190 <sup>2</sup>	2,673,053 <sup>2</sup>	345,135	94,946	201,058	979,777	8,789
-	57,427	11,387	54,005	-	-	13,880	959
319,122	9,705,657	7,472,572	891,524	445,271	618,044	2,885,927	26,233
9,085	16,425	1,289,704 <sup>2</sup>	149,458	655	6,050	11,175	-
2,282	1,320,408 <sup>2</sup>	935,263 <sup>2</sup>	23,277	149,298	1,989	9,019	-
325,925	8,401,674 <sup>2</sup>	7,827,013 <sup>2</sup>	1,017,705	296,628	622,105	2,888,083	26,233
-	187,402	16,568	119,088	-	-	48,203	3,293

Electric Energy Made Available  
March, 1958

Month	Total net generation	Imports from United States	Exports to United States	Total made available in Canada	Daily Average	
					Total net generation	Total made available
(Thousand kwh.)						
January .....	8,558,410	23,391	335,350	8,246,451	276,078	266,015
February .....	* 7,790,123	21,054	293,032	* 7,518,145	278,219	268,505
March .....	8,469,394	12,501	441,702	8,040,193	273,206	259,361
April .....						
May .....						
June .....						
July .....						
August .....						
September .....						
October .....						
November .....						
December .....						
Total .....						

Net generation, 1949-1958  
CANADA

Year and month	Utilities			Industry			Grand total
	Hydro	Thermal	Total	Hydro	Thermal	Total	
(Thousand kwh.)							
1949 .....	35,783,737	1,390,562	37,174,299	n.a.	n.a.	12,889,749	50,064,048
1950 .....	39,342,277	1,647,557	40,989,834	"	"	13,428,593	54,418,427
1951 .....	45,819,227	1,732,652	47,551,879	"	"	13,369,527	60,921,406
1952 .....	49,156,895	2,222,115	51,379,010	"	"	14,086,950	65,465,960
1953 .....	49,160,361	3,797,345	52,957,706	"	"	16,400,824	69,358,530
1954 .....	51,713,904	3,178,434	54,892,338	"	"	17,547,555	72,439,893
1955 .....	57,996,293	3,197,153	61,193,446	"	"	18,381,161	79,574,607
1956 .....	64,014,072	4,292,898	68,306,970	"	"	19,119,968	87,426,938
1957 - Total .....	65,817,043	5,572,995	71,390,038	17,155,908	1,702,865	18,858,773	90,248,811
January .....	5,620,267	632,830	6,253,097	1,654,555	162,972	1,817,527	8,070,624
February .....	5,126,908	527,507	5,654,415	1,466,697	158,114	1,624,811	7,279,226
March .....	5,592,897	504,383	6,097,280	1,509,030	169,723	1,678,753	7,776,033
April .....	5,391,873	421,023	5,812,896	1,513,957	151,647	1,665,604	7,478,500
May .....	5,503,548	382,423	5,885,971	1,533,616	143,871	1,677,487	7,563,458
June .....	5,075,715	386,639	5,462,354	1,148,747	140,904	1,289,651	6,752,005
July .....	5,447,645	358,432	5,806,077	1,170,830	122,167	1,292,997	7,099,074
August .....	5,139,204	438,010	5,577,214	1,162,471	138,910	1,301,381	6,878,595
September .....	5,135,923	467,560	5,603,483	1,190,140	127,820	1,317,960	6,921,443
October .....	5,705,947	531,296	6,237,243	1,648,093	144,833	1,792,926	8,030,169
November .....	5,922,344	474,348	6,396,692	1,649,641	128,573	1,778,214	8,174,906
December .....	6,154,772	448,544	6,603,316	1,508,131	113,331	1,621,462	8,224,778
1958							
January .....	6,294,539	437,663	6,732,202	1,697,912	128,296	1,826,208	8,558,410
February .....	5,688,336	427,520	6,115,856	*1,539,809	*134,458	*1,674,267	*7,790,123
March .....	6,117,733	388,805	6,506,538	1,723,755	139,799	1,863,554	8,469,394
April .....							
May .....							
June .....							
July .....							
August .....							
September .....							
October .....							
November .....							
December .....							

# DOMINION BUREAU OF STATISTICS

OTTAWA - CANADA

Published by Authority of the Hon. Gordon Churchill, Minister of Trade and Commerce



Memorandum

## ELECTRIC POWER STATISTICS

Vol. 26 No. 4

April, 1958

Price: \$1.00 per year

Monthly electric power statistics have been published on the present basis since January 1957. The "Central Electric Stations" series discontinued at that time dealt exclusively with power produced for sale, whether by utilities or by industrial establishments servicing adjoining communities or selling small amounts of power to regular customers. Specifically excluded from the "Central Electric Stations" report was power produced by industry for own use. The revised series which includes this production is therefore a much more reliable economic indicator.

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Net generation as defined for the purpose of this series means total output less the amount used in station service. The amount made available in Canada is arrived at by deducting exports to the United States from the sum total of net generation and imports. Energy made available includes power produced for use in electric boilers, the amounts of which are reported separately for each province.

An historical series on the new basis has been compiled back to the year 1949. Canada totals appear on page 4 of this report while those for the provinces were published in a special supplement to the June 1957 report.

Total net generation of electric energy in Canada by firms which produce 10 million kilowatt hours or more per annum amounted to 7,947,805 megawatt hours in April 1958 as compared with 7,478,500 one year ago, an increase of 6.3 per cent. Imports to the United States fell 42.2 per cent to 16,001 mwh while exports declined 17.1 per cent to 354,935 mwh. Electric energy made available for use in Canada increased 5.5 per cent to 7,608,871 mwh from 7,078,132. Of the total made available in April, 432,690 mwh were for use in electric boilers as compared with 144,261 mwh in April 1957.

Generation by utilities rose 5.6 per cent over the previous April while that by industry increased 8.5 per cent.

Provincial totals of production of electric energy during April are as follows (1957 data in brackets): Quebec, 3,611,117 mwh (3,106,625); Ontario, 2,377,788 mwh (2,515,219); British Columbia, 61,853 mwh (909,693); Manitoba, 275,026 mwh (280,459); Alberta, 198,854 mwh (180,822); Saskatchewan, 44,989 mwh (131,832); Nova Scotia, 124,886 mwh (120,926); New Brunswick, 122,169 mwh (112,455); Newfoundland, 116,629 mwh (107,725); Yukon and Northwest Territories, 9,745 mwh (8,391); and Prince Edward Island, 749 mwh (4,353).

Prepared in the Transportation and Public Utilities Section.

04-509-48



Electric Energy Made Available

April, 1958

	Canada	Newfoundland	Prince Edward Island	Nova Scotia
	(Thousand kwh.)			
Net generation				
Utilities:				
Hydro .....	5,811,220	84,978	-	57,025
Thermal .....	328,606	345	4,749	54,387
Total .....	6,139,826	85,323	4,749	111,412
Industry:				
Hydro .....	1,666,049	28,809	-	3,666
Thermal .....	141,930	2,497	-	9,808
Total .....	1,807,979	31,306	-	13,474
Total net generation .....	7,947,805	116,629	4,749	124,886
Energy imported:				
From other provinces .....	xxx	1,104	-	-
From United States .....	16,001	-	-	-
Total .....	16,001	1,104	-	-
Energy exported:				
To other provinces .....	xxx	3,919	-	790
To United States - primary .....	102,866	-	-	-
secondary .....	252,069	-	-	-
Total .....	354,935	3,919	-	790
Energy made available in Canada <sup>1</sup> .....	7,608,871	113,814	4,749	124,096
Amount used in electric boilers .....	432,690	11,682	-	-

Cumulative totals, January - April

Net generation				
Utilities:				
Hydro .....	24,011,130	345,723	-	221,506
Thermal .....	1,582,593	5,009	20,234	246,719
Total .....	25,593,723	350,732	20,234	468,225
Industry:				
Hydro .....	6,627,266	113,638	-	13,339
Thermal .....	556,006	11,406	-	39,247
Total .....	7,183,272	125,044	-	52,586
Total net generation .....	32,776,995	475,776	20,234	520,811
Energy imported:				
From other provinces .....	xxx	4,154	-	-
From United States .....	72,947	-	-	-
Total .....	72,947	4,154	-	-
Energy exported:				
To other provinces .....	xxx	15,788	-	3,392
To United States - primary .....	420,143	-	-	-
secondary .....	1,004,876	-	-	-
Total .....	1,425,019	15,788	-	3,392
Energy made available in Canada <sup>1</sup> .....	31,424,923	464,142	20,234	517,419
Amount used in electric boilers .....	1,748,799	59,194	-	-

April, 1957

Total net generation .....	7,478,500	107,725	4,353	120,926
Total energy imported .....	27,701	-	-	-
Total energy exported .....	428,069	4,157	-	721
Total made available in Canada <sup>1</sup> .....	7,078,132	103,568	4,353	120,205
Used in electric boilers .....	144,261	10,262	-	-
January - April				
Total net generation .....	30,604,383	466,457	18,584	509,496
Total energy imported .....	143,325	-	-	-
Total energy exported .....	1,517,930	17,089	-	3,042
Total made available in Canada <sup>1</sup> .....	29,229,778	449,368	18,584	506,454
Used in electric boilers .....	551,998	43,445	-	-

1. Includes interruptable and at will energy and energy used in electric boilers.

Electric Energy Made Available

April, 1958

New Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Yukon and N.W.T.
(Thousand kwh.)							
81,824	2,600,216	2,172,123	267,610	46,179	82,010	412,902	6,353
11,209	6	38,006	4,713	95,864	107,533	11,590	204
93,033	2,600,222	2,210,129	272,323	142,043	189,543	424,492	6,557
5,172	996,241	122,733	2,703	-	-	503,537	3,188
23,964	14,654	44,926	-	2,946	9,311	33,824	-
29,136	1,010,895	167,659	2,703	2,946	9,311	537,361	3,188
122,169	3,611,117	2,377,788	275,026	144,989	198,854	961,853	9,745
2,021	4,961	508,720	49,831	185	553	9	-
31	42	15,111	-	-	-	817	-
2,052	5,003	523,831	49,831	185	553	826	-
-	511,055	1,748	185	49,125	9	553	-
4,050	42,451	56,272	2	-	-	91	-
9,104	507	241,641	-	-	-	817	-
13,154	554,013	299,661	187	49,125	9	1,461	-
111,067	3,062,107	2,601,958	324,670	96,049	199,398	961,218	9,745
383	332,032	24,382	51,983	-	-	9,680	2,548

Cumulative totals, January - April

313,832	10,623,284	9,042,681	1,197,167	196,121	370,041	1,676,064	24,711
61,733	170	301,459	13,935	414,546	464,517	53,353	918
375,565	10,623,454	9,344,140	1,211,102	610,667	834,558	1,729,417	25,629
20,547	3,973,612	517,220	9,933	-	-	1,965,485	13,492
95,940	60,810	201,671	1,108	10,115	35,473	100,236	-
116,487	4,034,422	718,891	11,041	10,115	35,473	2,065,721	13,492
492,052	14,657,876	10,063,031	1,222,143	620,782	870,031	3,795,138	39,121
8,554	20,434	1,977,823	207,380	909	2,587	1,430	-
106	180	65,491	-	-	-	7,170	-
8,660	20,614	2,043,314	207,380	909	2,587	8,600	-
-	1,946,508	5,790	41,540	206,236	1,430	2,587	-
20,359	159,695	239,759	8	-	-	322	-
22,909	10,562	967,761	-	-	-	3,644	-
43,268	2,116,765	1,213,310	41,548	206,236	1,430	6,553	-
457,444	12,561,725	10,893,035	1,387,975	415,455	871,188	3,797,185	39,121
853	1,322,731	96,873	218,216	-	-	42,933	7,999
112,455	3,106,625	2,515,219	280,459	131,832	180,822	909,693	8,391
2,047	5,205	427,690	45,425	188	4,396	10,012	-
4,144	430,714	384,081	21,357	45,379	-	4,778	-
110,358	2,681,116	2,558,828	304,527	86,641	185,218	914,927	8,391
-	77,327	18,371	32,342	-	-	5,024	935
431,577	12,812,282	9,987,791	1,171,983	577,103	798,866	3,795,620	34,624
11,132	21,630	1,717,394	194,883	843	10,446	21,187	-
6,426	1,751,122	1,319,344	44,634	194,677	1,989	13,797	-
436,283	11,082,790	10,385,841	1,322,232	383,269	807,323	3,803,010	34,624
-	264,729	34,939	151,430	-	-	53,227	4,228

Electric Energy Made Available

April, 1958

Month	Total net generation	Imports from United States	Exports to United States	Total made available in Canada	Daily Average	
					Total net generation	Total made available
(Thousand kwh.)						
January .....	*8,558,298	23,391	335,350	*8,246,339	*276,074	*266,011
February .....	7,790,123	21,054	293,032	7,518,145	278,219	268,505
March .....	*8,479,578	12,501	441,702	*8,050,377	*273,535	*259,690
April .....	7,947,805	16,001	354,935	7,608,871	264,927	253,629
May .....						
June .....						
July .....						
August .....						
September .....						
October .....						
November .....						
December .....						
Total .....						

Net generation, 1949-1958  
CANADA

Year and month	Utilities			Industry			Grand total
	Hydro	Thermal	Total	Hydro	Thermal	Total	
(Thousand kwh.)							
1949 .....	35,783,737	1,390,562	37,174,299	n.a.	n.a.	12,889,749	50,064,048
1950 .....	39,342,277	1,647,557	40,989,834	"	"	13,428,593	54,418,427
1951 .....	45,819,227	1,732,652	47,551,879	"	"	13,369,527	60,921,406
1952 .....	49,156,895	2,222,115	51,379,010	"	"	14,086,950	65,465,960
1953 .....	49,160,361	3,797,345	52,957,706	"	"	16,400,824	69,358,530
1954 .....	51,713,904	3,178,434	54,892,338	"	"	17,547,555	72,439,893
1955 .....	57,996,293	3,197,153	61,193,446	"	"	18,381,161	79,574,607
1956 .....	64,014,072	4,292,898	68,306,970	"	"	19,119,968	87,426,938
1957 - Total .....	65,817,043	5,572,995	71,390,038	17,155,908	1,702,865	18,858,773	90,248,816
January .....	5,620,267	632,830	6,253,097	1,654,555	162,972	1,817,527	8,070,624
February .....	5,126,908	527,507	5,654,415	1,466,697	158,114	1,624,811	7,279,226
March .....	5,592,897	504,383	6,097,280	1,509,030	169,723	1,678,753	7,776,033
April .....	5,391,873	421,023	5,812,896	1,513,957	151,647	1,665,604	7,478,500
May .....	5,503,548	382,423	5,885,971	1,533,616	143,871	1,677,487	7,563,458
June .....	5,075,715	386,639	5,462,354	1,148,747	140,904	1,289,651	6,752,005
July .....	5,447,645	358,432	5,806,077	1,170,830	122,167	1,292,997	7,099,074
August .....	5,139,204	438,010	5,577,214	1,162,471	138,910	1,301,381	6,878,595
September .....	5,135,923	467,560	5,603,483	1,190,140	127,820	1,317,960	6,921,443
October .....	5,705,947	531,296	6,237,243	1,648,093	144,833	1,792,926	8,030,169
November .....	5,922,344	474,348	6,396,692	1,649,641	128,573	1,778,214	8,174,906
December .....	6,154,772	448,544	6,603,316	1,508,131	113,331	1,621,462	8,224,778
1958							
January .....	6,294,539	437,663	6,732,202	*1,697,800	128,296	*1,826,096	*8,558,298
February .....	5,688,336	427,520	6,115,856	1,559,809	134,458	1,694,267	7,790,123
March .....	6,217,035	*388,804	*6,605,839	*1,722,417	*151,322	*1,873,739	*8,479,578
April .....	5,811,220	328,606	6,139,826	1,666,049	141,930	1,807,979	7,947,805
May .....							
June .....							
July .....							
August .....							
September .....							
October .....							
November .....							
December .....							

\* Revised.



## DOMINION BUREAU OF STATISTICS

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ELECTRIC POWER STATISTICS

May, 1958

Monthly electric power statistics have been published on the present basis since January 1957. The "Central Electric Stations" series discontinued at that time dealt exclusively with power produced for sale, whether by utilities or by industrial establishments servicing adjoining communities or selling small amounts of power to regular customers. Specifically excluded from the "Central Electric Stations" report was power produced by industry for own use. The revised series which includes this production is therefore a much more reliable economic indicator.

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Net generation as defined for the purpose of this series means total output less the amount used in station service. The amount made available in Canada is arrived at by deducting exports to the United States from the sum total of net generation and imports. Energy made available includes power produced for use in electric boilers, the amounts of which are reported separately for each province.

An historical series on the new basis has been compiled back to the year 1949. Canada totals appear on page 4 of this report while those for the provinces were published in a special supplement to the June 1957 report.

Total net generation of electric energy in Canada by firms which produce 10 million kilowatt hours or more per annum amounted to 7,961,117 megawatt hours in May 1958 as compared with 7,563,458 one year ago, an increase of 5.3 per cent. Imports from the United States at 22,656 mwh were down 65.0 per cent from the previous May and exports at 15,862 mwh down 36.8 per cent. Electric energy made available for use in Canada increased 7.2 per cent to 7,707,911 mwh from 7,191,962. Of the total made available, 368,200 mwh were for use in electric boilers as compared with 248,939 mwh in May 1957.

Generation by utilities rose 4.8 per cent over the previous May while that by industry increased 6.9 per cent.

Provincial totals of production of electric energy during May are as follows (1957 data in brackets): Quebec, 3,702,103 mwh (3,130,452); Ontario, 2,297,486 mwh (2,166,780); British Columbia, 970,584 mwh (877,287); Manitoba, 258,553 mwh (286,636); Alberta, 198,970 mwh (185,637); Saskatchewan, 144,002 mwh (131,171); New Brunswick, 131,862 mwh (115,640); Nova Scotia, 126,617 mwh (116,175); Newfoundland, 114,617 mwh (118,462); Yukon and Northwest Territories, 11,528 mwh (10,867); and Prince Edward Island, 4,795 mwh (4,351).

Prepared in the Transportation and Public Utilities Section

04-509-58

Electric Energy Made Available  
May, 1958

	Canada	Newfoundland	Prince Edward Island	Nova Scotia
	(Thousand kwh.)			
Net generation				
Utilities:				
Hydro .....	5,832,160	81,756	-	59,546
Thermal .....	335,807	103	4,795	53,248
Total .....	6,167,967	81,859	4,795	112,794
Industry:				
Hydro .....	1,641,849	29,891	-	3,700
Thermal .....	151,301	2,867	-	10,123
Total .....	1,793,150	32,758	-	13,823
Total net generation .....	7,961,117	114,617	4,795	126,617
Energy imported:				
From other provinces .....	xxx	787	-	-
From United States .....	22,656	-	-	-
Total .....	22,656	787	-	-
Energy exported:				
To other provinces .....	xxx	3,886	-	727
To United States - primary .....	107,596	-	-	-
secondary .....	168,266	-	-	-
Total .....	275,862	3,886	-	727
Energy made available in Canada <sup>1</sup> .....	7,707,911	111,518	4,795	125,890
Amount used in electric boilers .....	368,200	11,855	-	-

Cumulative totals, January - May

Net generation				
Utilities:				
Hydro .....	29,843,465	427,654	-	281,052
Thermal .....	1,918,402	5,114	25,029	299,967
Total .....	31,761,867	432,768	25,029	581,019
Industry:				
Hydro .....	8,262,413	143,529	-	17,039
Thermal .....	710,646	14,273	-	49,370
Total .....	8,973,059	157,802	-	66,409
Total net generation .....	40,734,926	590,570	25,029	647,428
Energy imported:				
From other provinces .....	xxx	4,617	-	-
From United States .....	95,599	-	-	-
Total .....	95,599	4,617	-	-
Energy exported:				
To other provinces .....	xxx	19,522	-	4,119
To United States - primary .....	527,739	-	-	-
secondary .....	1,173,142	-	-	-
Total .....	1,700,881	19,522	-	4,119
Energy made available in Canada <sup>1</sup> .....	39,129,644	575,665	25,029	643,309
Amount used in electric boilers .....	2,117,041	71,049	-	-
May, 1957				
Total net generation .....	7,563,458	118,462	4,351	116,175
Total energy imported .....	64,733	-	-	-
Total energy exported .....	436,229	3,911	-	654
Total made available in Canada <sup>1</sup> .....	7,191,962	114,551	4,351	115,521
Used in electric boilers .....	248,939	13,297	-	-
January - May				
Total net generation .....	38,167,841	584,919	22,935	625,671
Total energy imported .....	208,058	-	-	-
Total energy exported .....	1,954,159	21,000	-	3,696
Total made available in Canada <sup>1</sup> .....	36,421,740	563,919	22,935	621,975
Used in electric boilers .....	800,937	56,742	-	-

1. Includes interruptable and at will energy and energy used in electric boilers.

Electric Energy Made Available  
May, 1958

New Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Yukon and N.W.T.
(Thousand kwh.)							
95,219	2,722,510	2,075,125	254,189	45,015	79,310	413,027	6,463
5,304	22	54,003	1,513	95,572	109,482	11,572	193
100,523	2,722,532	2,129,128	255,702	140,587	188,792	424,599	6,656
7,370	962,078	122,305	2,849	-	-	508,784	4,872
23,969	17,493	46,053	2	3,415	10,178	37,201	-
31,339	979,571	168,358	2,851	3,415	10,178	545,985	4,872
131,862	3,702,103	2,297,486	258,553	144,002	198,970	970,584	11,528
1,985	4,942	524,743	49,386	181	586	50	-
12	40	21,580	-	-	-	1,024	-
1,997	4,982	546,323	49,386	181	586	1,074	-
-	526,530	2,012	439	48,430	50	586	-
3,720	41,524	62,253	2	-	-	97	-
11,576	1,255	154,447	-	-	-	988	-
15,296	569,309	218,712	441	48,430	50	1,671	-
118,563	3,137,776	2,625,097	307,498	95,753	199,506	969,987	11,528
543	302,971	20,250	26,578	-	-	3,183	2,820

Cumulative totals, January - May

409,051	13,345,794	11,117,806	1,451,356	241,136	449,351	2,089,091	31,174
67,037	192	355,462	15,448	510,118	573,999	64,925	1,111
476,088	13,345,986	11,473,268	1,466,804	751,254	1,023,350	2,154,016	32,285
27,917	4,935,625	639,183	12,782	-	-	2,467,974	18,364
119,909	78,175	247,714	1,110	13,530	45,651	140,914	-
147,826	5,013,800	886,897	13,892	13,530	45,651	2,608,888	18,364
623,914	18,359,786	12,360,165	1,480,696	764,784	1,069,001	4,762,904	50,649
10,543	25,224	2,502,566	256,766	1,090	3,173	1,480	-
118	216	87,071	-	-	-	8,194	-
10,661	25,440	2,589,637	256,766	1,090	3,173	9,674	-
-	2,472,718	7,802	41,979	254,666	1,480	3,173	-
24,079	201,219	302,012	10	-	-	419	-
34,485	11,817	1,122,208	-	-	-	4,632	-
58,564	2,685,754	1,432,022	41,989	254,666	1,480	8,224	-
576,011	15,699,472	13,517,780	1,695,473	511,208	1,070,694	4,764,354	50,649
1,396	1,625,358	117,123	244,794	-	-	46,502	10,819
115,640	3,130,452	2,586,780	286,636	131,171	185,637	877,287	10,867
1,935	4,913	397,852	44,175	161	1,156	46,322	-
4,778	405,461	384,859	22,451	44,154	401	1,341	-
112,797	2,729,904	2,599,773	308,360	87,178	186,392	922,268	10,867
89	164,769	25,827	38,836	-	-	5,214	907
547,217	15,942,734	12,574,571	1,458,619	708,274	984,503	4,672,907	45,491
13,067	26,543	2,115,246	239,058	1,004	11,602	67,509	-
11,204	2,156,583	1,704,203	67,085	238,831	2,390	15,138	-
549,080	13,812,694	12,985,614	1,630,592	470,447	993,715	4,725,278	45,491
89	429,498	60,766	190,266	-	-	58,441	5,135



Electric Energy Made Available  
May, 1958

Month	Total net generation	Imports from United States	Exports to United States	Total made available in Canada	Daily Average	
					Total net generation	Total made available
(Thousand kwh.)						
January .....	8,558,298	23,390	335,350	8,246,338	276,074	266,011
February .....	7,790,123	21,053	293,032	7,518,144	278,219	268,505
March .....	*8,480,769	12,500	441,702	*8,051,567	*273,573	*259,728
April .....	*7,944,619	16,000	354,935	*7,605,684	*264,821	*253,523
May .....	7,961,117	22,656	275,862	7,707,911	256,810	248,642
June .....						
July .....						
August .....						
September .....						
October .....						
November .....						
December .....						
Total .....						

Net generation, 1949-1958  
CANADA

Year and month	Utilities			Industry			Grand total
	Hydro	Thermal	Total	Hydro	Thermal	Total	
(Thousand kwh.)							
1949 .....	35,783,737	1,390,562	37,174,299	n.a.	n.a.	12,889,749	50,064,048
1950 .....	39,342,277	1,647,557	40,989,834	"	"	13,428,593	54,418,427
1951 .....	45,819,227	1,732,652	47,551,879	"	"	13,369,527	60,921,406
1952 .....	49,156,895	2,222,115	51,379,010	"	"	14,086,950	65,465,960
1953 .....	49,160,361	3,797,345	52,957,706	"	"	16,400,824	69,358,530
1954 .....	51,713,904	3,178,434	54,892,338	"	"	17,547,555	72,439,893
1955 .....	57,996,293	3,197,153	61,193,446	"	"	18,381,161	79,574,607
1956 .....	64,014,072	4,292,898	68,306,970	"	"	19,119,968	87,426,938
1957 - Total .....	65,817,043	5,572,995	71,390,038	17,155,908	1,702,865	18,858,773	90,248,811
January .....	5,620,267	632,830	6,253,097	1,654,555	162,972	1,817,527	8,070,624
February .....	5,126,908	527,507	5,654,415	1,466,697	158,114	1,624,811	7,279,229
March .....	5,592,897	504,383	6,097,280	1,509,030	169,723	1,678,753	7,776,033
April .....	5,391,873	421,023	5,812,896	1,513,957	151,647	1,665,604	7,478,500
May .....	5,503,548	382,423	5,885,971	1,533,616	143,871	1,677,487	7,563,458
June .....	5,075,715	386,639	5,462,354	1,148,747	140,904	1,289,651	6,752,000
July .....	5,447,645	358,432	5,806,077	1,170,830	122,167	1,292,997	7,099,074
August .....	5,139,204	438,010	5,577,214	1,162,471	138,910	1,301,381	6,878,595
September .....	5,135,923	467,560	5,603,483	1,190,140	127,820	1,317,960	6,921,443
October .....	5,705,947	531,296	6,237,243	1,648,093	144,833	1,792,926	8,030,169
November .....	5,922,344	474,348	6,396,692	1,649,641	128,573	1,778,214	8,174,906
December .....	6,154,772	448,544	6,603,316	1,508,131	113,331	1,621,462	8,224,778
1958							
January .....	6,294,539	437,663	6,732,202	1,697,800	128,296	1,826,096	8,558,298
February .....	5,688,336	427,520	6,115,856	1,539,809	134,458	1,674,267	7,790,123
March .....	6,217,035	388,804	6,605,839	*1,723,608	151,322	*1,874,930	*8,480,769
April .....	*5,811,395	*328,608	*6,140,003	*1,659,347	*145,269	*1,804,616	*7,944,619
May .....	5,832,160	335,807	6,167,967	1,641,849	151,301	1,793,150	7,961,117
June .....							
July .....							
August .....							
September .....							
October .....							
November .....							
December .....							

\* Revised.

# DOMINION BUREAU OF STATISTICS

OTTAWA - CANADA

Published by Authority of the Hon. Gordon Churchill, Minister of Trade and Commerce



Memorandum

Vol. 26 No. 6

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## ELECTRIC POWER STATISTICS

June, 1958

Monthly electric power statistics have been published on the present basis since January 1957. The "Central Electric Stations" series discontinued at that time dealt exclusively with power produced for sale, whether by utilities or by industrial establishments servicing adjoining communities or selling small amounts of power to regular customers. Specifically excluded from the "Central Electric Stations" report was power produced by industry for own use. The revised series which includes this production is therefore a much more reliable economic indicator.

Although the revised series embraces both power produced for own use and power produced for sale it does not reflect the entire production of electric energy in Canada. In order to expedite collection and compilation of returns only firms which generate at least 10 million kilowatt hours per annum are asked to report monthly statistics. These firms, however, were found to have accounted for 98.8 per cent of total production in 1956. With the addition of new firms to the large power class and with the growth of those now included it is expected that this proportion will continue to increase from year to year.

Net generation as defined for the purpose of this series means total output less the amount used in station service. The amount made available in Canada is arrived at by deducting exports to the United States from the sum total of net generation and imports. Energy made available includes power produced for use in electric boilers, the amounts of which are reported separately for each province.

An historical series on the new basis has been compiled back to the year 1949. Canada totals appear on page 4 of this report while those for the provinces are published in a special supplement to the June 1957 report.

Total net generation of electric energy in Canada by firms which produce 1 million kilowatt hours or more per annum amounted to 7,463,296 megawatt hours in June 1958 as compared with 6,752,005 one year ago, an increase of 10.5 per cent. Imports from the United States at 23,940 mwh were down 74.8 per cent from the previous June while exports at 255,949 mwh decreased 36.1 per cent. Electric energy made available for use in Canada increased 12.2 per cent to 7,231,287 mwh from 6,446,596. Of the total made available, 308,605 mwh were for use in electric boilers as compared with 10,029 mwh in June 1957.

Generation by utilities rose 5.8 per cent over the previous June while that by industry increased 30.6 per cent.

Provincial totals of production of electric energy during June are as follows (1957 data in brackets). Quebec, 3,453,976 mwh (2,630,178); Ontario, 2,153,211 mwh (1,396,691); British Columbia, 942,107 mwh (814,935); Manitoba, 220,749 mwh (256,450); Alberta, 192,180 mwh (180,678); Saskatchewan, 136,335 mwh (127,690); New Brunswick, 14,769 mwh (116,245); Nova Scotia, 120,909 mwh (112,905); Newfoundland, 102,558 mwh (102,419); Yukon and Northwest Territories, 11,873 mwh (9,661); and Prince Edward Island, 4,629 mwh (4,153).

Prepared in the Transportation and Public Utilities Section

14-509-68

Electric Energy Made Available  
June, 1958

	Canada	Newfoundland	Prince Edward Island	Nova Scotia
	(Thousand kwh.)			
Net generation				
Utilities:				
Hydro .....	5,473,700	71,459	-	49,310
Thermal .....	304,888	193	4,629	58,680
Total .....	5,778,588	71,652	4,629	107,990
Industry:				
Hydro .....	1,544,250	28,236	-	3,361
Thermal .....	140,458	2,670	-	9,558
Total .....	1,684,708	30,906	-	12,919
Total net generation .....	7,463,296	102,558	4,629	120,909
Energy imported:				
From other provinces .....	xxx	668	-	-
From United States .....	23,940	-	-	-
Total .....	23,940	668	-	-
Energy exported:				
To other provinces .....	xxx	3,575	-	682
To United States - primary .....	99,695	-	-	-
secondary .....	156,254	-	-	-
Total .....	255,949	3,575	-	682
Energy made available in Canada <sup>1</sup> .....	7,231,287	99,651	4,629	120,227
Amount used in electric boilers .....	308,605	9,391	-	-

Cumulative totals, January - June

Net generation				
Utilities:				
Hydro .....	35,317,165	499,113	-	330,362
Thermal .....	2,223,290	5,307	29,658	358,647
Total .....	37,540,455	504,420	29,658	689,009
Industry:				
Hydro .....	9,807,077	171,765	-	20,400
Thermal .....	851,995	16,943	-	58,928
Total .....	10,659,072	188,708	-	79,328
Total net generation .....	48,199,527	693,128	29,658	768,337
Energy imported:				
From other provinces .....	xxx	5,285	-	-
From United States .....	119,539	-	-	-
Total .....	119,539	5,285	-	-
Energy exported:				
To other provinces .....	xxx	23,097	-	4,801
To United States - primary .....	627,434	-	-	-
secondary .....	1,329,396	-	-	-
Total .....	1,956,830	23,097	-	4,801
Energy made available in Canada <sup>1</sup> .....	46,362,236	675,316	29,658	763,536
Amount used in electric boilers .....	2,425,646	80,440	-	-
June, 1957				
Total net generation .....	6,752,005	102,419	4,153	112,905
Total energy imported .....	95,110	-	-	-
Total energy exported .....	400,519	2,936	-	582
Total made available in Canada <sup>1</sup> .....	6,446,596	99,483	4,153	112,323
Used in electric boilers .....	160,029	2,773	-	-
January - June				
Total net generation .....	44,919,846	687,338	27,088	738,576
Total energy imported .....	303,168	-	-	-
Total energy exported .....	2,354,678	23,936	-	4,278
Total made available in Canada <sup>1</sup> .....	42,868,336	663,402	27,088	734,298
Used in electric boilers .....	960,966	59,515	-	-

1. Includes interruptable and at will energy and energy used in electric boilers.



Electric Energy Made Available  
June, 1958

New Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Yukon and N.W.T.
(Thousand kwh.)							
89,815	2,538,847	1,977,017	207,552	42,714	84,533	406,299	6,154
5,483	19	26,218	10,979	90,497	97,292	10,716	182
95,298	2,538,866	2,003,235	218,531	133,211	181,825	417,015	6,336
7,073	900,147	107,286	2,203	-	-	490,407	5,537
22,398	14,963	42,690	15	3,124	10,355	34,685	-
29,471	915,110	149,976	2,218	3,124	10,355	525,092	5,537
124,769	3,453,976	2,153,211	220,749	136,335	192,180	942,107	11,873
1,896	4,594	498,188	47,229	184	479	48	-
27	35	22,627	-	-	-	1,251	-
1,923	4,629	520,815	47,229	184	479	1,299	-
-	500,070	2,410	184	45,838	48	479	-
3,600	40,529	55,459	2	-	-	105	-
10,506	3,038	141,406	-	-	-	1,304	-
14,106	543,637	199,275	186	45,838	48	1,888	-
112,586	2,914,968	2,474,751	267,792	90,681	192,611	941,518	11,873
498	267,711	24,822	276	-	-	3,861	2,046

Cumulative totals, January - June

498,866	15,884,641	13,094,823	1,658,908	283,850	533,884	2,495,390	37,328
72,520	211	381,680	26,427	600,615	671,291	75,641	1,293
571,386	15,884,852	13,476,503	1,685,335	884,465	1,205,175	2,571,031	38,621
34,990	5,835,942	746,713	14,985	-	-	2,958,381	23,901
142,307	93,152	291,490	1,125	16,654	56,006	175,390	-
177,297	5,929,094	1,038,203	16,110	16,654	56,006	3,133,771	23,901
748,683	21,813,946	14,514,706	1,701,445	901,119	1,261,181	5,704,802	62,522
12,439	29,857	3,000,754	303,995	1,274	3,652	1,528	-
145	251	109,698	-	-	-	9,445	-
12,584	30,108	3,110,452	303,995	1,274	3,652	10,973	-
-	2,972,788	10,251	42,163	300,504	1,528	3,652	-
27,679	241,748	357,471	12	-	-	524	-
44,991	14,855	1,263,614	-	-	-	5,936	-
72,670	3,229,391	1,631,336	42,175	300,504	1,528	10,112	-
688,597	18,614,663	15,993,822	1,963,265	601,889	1,263,305	5,705,663	62,522
1,894	1,893,069	141,945	245,070	-	-	50,363	12,865
116,245	2,630,178	2,396,691	256,450	127,690	180,678	814,935	9,661
1,657	3,941	439,966	43,841	165	733	71,465	-
4,622	445,942	350,668	17,551	43,772	179	925	-
113,280	2,188,177	2,485,989	282,740	84,083	181,232	885,475	9,661
-	116,262	17,971	21,007	-	-	1,310	706
663,462	18,572,912	14,971,262	1,715,069	835,964	1,165,181	5,487,842	55,152
14,724	30,484	2,778,955	282,899	1,169	12,335	138,974	-
15,826	2,826,268	2,054,871	84,636	282,603	2,569	16,063	-
662,360	15,777,128	15,695,346	1,913,332	554,530	1,174,947	5,610,753	55,152
89	545,760	78,737	211,273	-	-	59,751	5,841

Electric Energy Made Available

June, 1958

Month	Total net generation	Imports from United States	Exports to United States	Total made available in Canada	Daily Average	
					Total net generation	Total made available
(Thousand kwh.)						
January .....	8,558,298	23,390	335,350	8,246,338	276,074	266,011
February .....	7,790,123	21,053	293,032	7,518,144	278,219	268,505
March .....	8,480,769	12,500	441,702	8,051,567	273,573	259,728
April .....	7,944,619	16,000	354,935	7,605,684	264,821	253,523
May .....	*7,962,422	22,656	275,862	*7,709,216	*256,852	*248,684
June .....	7,463,296	23,940	255,949	7,231,287	248,777	241,043
July .....						
August .....						
September .....						
October .....						
November .....						
December .....						
Total .....						

Net generation, 1949-1958  
CANADA

Year and month	Utilities			Industry			Grand total
	Hydro	Thermal	Total	Hydro	Thermal	Total	
(Thousand kwh.)							
1949 .....	35,783,737	1,390,562	37,174,299	n.a.	n.a.	12,889,749	50,064,048
1950 .....	39,342,277	1,647,557	40,989,834	"	"	13,428,593	54,418,427
1951 .....	45,819,227	1,732,652	47,551,879	"	"	13,369,527	60,921,406
1952 .....	49,156,895	2,222,115	51,379,010	"	"	14,086,950	65,465,960
1953 .....	49,160,361	3,797,345	52,957,706	"	"	16,400,824	69,358,530
1954 .....	51,713,904	3,178,434	54,892,338	"	"	17,547,555	72,439,893
1955 .....	57,996,293	3,197,153	61,193,446	"	"	18,381,161	79,574,607
1956 .....	64,014,072	4,292,898	68,306,970	"	"	19,119,968	87,426,938
1957 - Total .....	65,817,043	5,572,995	71,390,038	17,155,908	1,702,865	18,858,773	90,248,811
January .....	5,620,267	632,830	6,253,097	1,654,555	162,972	1,817,527	8,070,624
February .....	5,126,908	527,507	5,654,415	1,466,697	158,114	1,624,811	7,279,226
March .....	5,592,897	504,383	6,097,280	1,509,030	169,723	1,678,753	7,776,033
April .....	5,391,873	421,023	5,812,896	1,513,957	151,647	1,665,604	7,478,500
May .....	5,503,548	382,423	5,885,971	1,533,616	143,871	1,677,487	7,563,458
June .....	5,075,715	386,639	5,462,354	1,148,747	140,904	1,289,651	6,752,005
July .....	5,447,645	358,432	5,806,077	1,170,830	122,167	1,292,997	7,099,074
August .....	5,139,204	438,010	5,577,214	1,162,471	138,910	1,301,381	6,878,595
September .....	5,135,923	467,560	5,603,483	1,190,140	127,820	1,317,960	6,921,443
October .....	5,705,947	531,296	6,237,243	1,648,093	144,833	1,792,926	8,030,169
November .....	5,922,344	474,348	6,396,692	1,649,641	128,573	1,778,214	8,174,906
December .....	6,154,772	448,544	6,603,316	1,508,131	113,331	1,621,462	8,224,778
1958							
January .....	6,294,539	437,663	6,732,202	1,697,800	128,296	1,826,096	8,558,298
February .....	5,688,336	427,520	6,115,856	1,539,809	134,458	1,674,267	7,790,123
March .....	6,217,035	388,804	6,605,839	1,723,608	151,322	1,874,930	8,480,769
April .....	5,811,395	328,608	6,140,003	1,659,347	145,269	1,804,616	7,944,619
May .....	5,832,160	335,807	6,167,967	*1,642,263	*152,192	*1,794,455	*7,962,422
June .....	5,473,700	304,888	5,778,588	1,544,250	140,458	1,684,708	7,463,296
July .....							
August .....							
September .....							
October .....							
November .....							
December .....							

\* Revised.

## DOMINION BUREAU OF STATISTICS

OTTAWA - CANADA

Published by Authority of the Hon. Gordon Churchill, Minister of Trade and Commerce



Memorandum

Vol. 26 No. 7

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ELECTRIC POWER STATISTICS

July, 1958

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Net generation as defined for the purpose of this series means total output less the amount used in station service. The amount made available in Canada is arrived at by deducting exports to the United States from the sum total of net generation and imports. Energy made available includes power produced for use in electric boilers, the amounts of which are reported separately for each province.

An historical series on the new basis has been compiled back to the year 1949. Canada totals appear on page 4 of this report while those for the provinces were published in a special supplement to the June 1957 report.

Total net generation of electric energy in Canada by firms which produce 10 million kilowatt hours or more per annum amounted to 7,671,815 megawatt hours in July 1958 as compared with 7,099,074 one year ago, an increase of 8.1 per cent. Imports from the United States at 14,460 mwh were down 87.2 per cent from the previous July while exports at 390,714 mwh decreased 26.3 per cent. Electric energy made available for use in Canada increased 9.2 per cent to 7,295,561 mwh from 6,681,917. Of the total made available, 340,262 mwh were for use in electric boilers as compared with 216,887 mwh in July 1957.

Generation by utilities rose 2.4 per cent over the previous July while that by industry increased 33.4 per cent. Almost all of the increase in the industrial total can be accounted for by the return to normal production of the Arvida plant of the Aluminum Company of Canada, on strike between May and October, 1957.

Provincial totals of production of electric energy during July are as follows (1957 data in brackets). Quebec, 3,494,378 mwh (2,827,279); Ontario, 2,288,643 mwh (2,581,238); British Columbia, 934,391 mwh (800,829); Manitoba, 236,910 mwh (236,681); Alberta, 199,373 mwh (178,967); Saskatchewan, 144,392 mwh (130,649); New Brunswick, 126,212 mwh (112,759); Nova Scotia, 121,062 mwh (115,317); Newfoundland, 109,853 mwh (100,394); Yukon and Northwest Territories, 11,660 mwh (10,489); and Prince Edward Island, 4,941 mwh (4,472).

Prepared in the Transportation and Public Utilities Section

8504-509-78



Electric Energy Made Available

July, 1958

	Canada	Newfoundland	Prince Edward Island	Nova Scotia
	(Thousand kwh.)			
Net generation				
Utilities:				
Hydro .....	5,632,049	76,502	-	37,920
Thermal .....	314,510	193	4,941	71,330
Total .....	5,946,559	76,695	4,941	109,250
Industry:				
Hydro .....	1,582,981	30,838	-	3,057
Thermal .....	142,275	2,320	-	8,755
Total .....	1,725,256	33,158	-	11,812
Total net generation .....	7,671,815	109,853	4,941	121,062
Energy imported:				
From other provinces .....	xxx	668	-	-
From United States .....	14,460	-	-	-
Total .....	14,460	668	-	-
Energy exported:				
To other provinces .....	xxx	3,915	-	714
To United States - primary .....	106,279	-	-	-
secondary .....	284,435	-	-	-
Total .....	390,714	3,915	-	714
Energy made available in Canada <sup>1</sup> .....	7,295,561	106,606	4,941	120,348
Amount used in electric boilers .....	340,262	14,955	-	-

Cumulative totals, January - July, 1958

Net generation				
Utilities:				
Hydro .....	40,948,633	575,615	-	368,282
Thermal .....	2,537,359	5,500	34,567	429,977
Total .....	43,485,992	581,115	34,567	798,259
Industry:				
Hydro .....	11,525,520	202,603	-	23,457
Thermal .....	1,022,332	19,263	-	67,683
Total .....	12,547,852	221,866	-	91,140
Total net generation .....	56,033,844	802,981	34,567	889,399
Energy imported:				
From other provinces .....	xxx	5,953	-	-
From United States .....	133,999	-	-	-
Total .....	133,999	5,953	-	-
Energy exported:				
To other provinces .....	xxx	27,012	-	5,515
To United States - primary .....	733,713	-	-	-
secondary .....	1,613,831	-	-	-
Total .....	2,347,544	27,012	-	5,515
Energy made available in Canada <sup>1</sup> .....	53,820,299	781,922	34,567	883,884
Amount used in electric boilers .....	2,766,324	95,395	-	-
July, 1957				
Total net generation .....	7,099,074	100,394	4,472	115,317
Total energy imported .....	113,200	-	-	-
Total energy exported .....	530,357	2,873	-	651
Total made available in Canada <sup>1</sup> .....	6,681,917	97,521	4,472	114,666
Used in electric boilers .....	216,887	1,936	-	-
January - July, 1957				
Total net generation .....	52,018,920	787,732	31,560	853,893
Total energy imported .....	416,368	-	-	-
Total energy exported .....	2,885,035	26,076	-	4,929
Total made available in Canada <sup>1</sup> .....	49,550,253	761,656	31,560	848,964
Used in electric boilers .....	1,177,853	61,451	-	-

1. Includes interruptable and at will energy and energy used in electric boilers.

Electric Energy Made Available

July, 1958

New Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Yukon and N.W.T.
(Thousand kwh.)							
91,243	2,551,662	2,119,944	233,310	40,738	77,701	396,793	6,236
5,855	12	13,099	830	94,287	111,690	12,101	172
97,098	2,551,674	2,133,043	234,140	135,025	189,391	408,894	6,408
6,748	926,742	111,118	2,770	1,619	-	494,837	5,252
22,366	15,962	44,482	-	7,748	9,982	30,660	-
29,114	942,704	155,600	2,770	9,367	9,982	525,497	5,252
126,212	3,494,378	2,288,643	236,910	144,392	199,373	934,391	11,660
1,990	4,987	509,603	45,174	160	501	39	-
27	33	13,323	-	-	-	1,077	-
2,017	5,020	522,926	45,174	160	501	1,116	-
-	511,547	1,765	160	44,481	39	501	-
3,720	44,919	57,436	2	-	-	202	-
9,078	1,501	273,016	-	-	-	840	-
12,798	557,967	332,217	162	44,481	39	1,543	-
115,431	2,941,431	2,479,352	281,922	100,071	199,835	933,964	11,660
527	277,220	23,236	16,082	-	-	6,081	2,161

Cumulative totals, January - July, 1958

590,109	18,435,645	15,214,767	1,892,218	324,588	611,662	2,892,183	43,564
78,375	223	394,779	27,257	694,902	782,572	87,742	1,465
668,484	18,435,868	15,609,546	1,919,475	1,019,490	1,394,234	2,979,925	45,029
41,738	6,762,432	857,831	147,755	11,846	-	3,448,705	29,153
164,673	109,114	335,972	1,125	49,356	66,719	208,427	-
206,411	6,871,546	1,193,803	148,880	61,202	66,719	3,657,132	29,153
874,895	25,307,414	16,803,349	2,068,355	1,080,692	1,460,953	6,637,057	74,182
14,429	34,844	3,509,638	349,169	1,434	4,153	1,567	-
172	284	123,021	-	-	-	10,522	-
14,601	35,128	3,632,659	349,169	1,434	4,153	12,089	-
-	3,483,616	12,016	42,323	344,985	1,567	4,153	-
31,399	286,667	414,907	14	-	-	726	-
54,069	16,356	1,536,630	-	-	-	6,776	-
85,468	3,786,639	1,963,553	42,337	344,985	1,567	11,655	-
804,028	21,555,903	18,472,455	2,375,187	737,141	1,463,539	6,637,491	74,182
2,421	2,170,289	165,597	261,152	-	-	56,444	15,026
112,759	2,827,279	2,581,238	236,681	130,649	178,967	800,829	10,489
1,876	11,546	416,848	44,553	162	730	105,925	-
3,527	447,430	491,021	7,675	44,396	324	900	-
111,108	2,391,395	2,507,065	273,559	86,415	179,373	905,854	10,489
28	152,801	38,224	19,899	-	-	3,086	913
776,221	21,400,191	17,552,500	1,951,750	966,613	1,344,148	6,288,671	65,641
16,600	41,297	3,195,803	327,452	1,331	13,065	244,899	-
19,353	3,273,698	2,545,892	92,311	326,999	2,893	16,963	-
773,468	18,167,790	18,202,411	2,186,891	640,945	1,354,320	6,516,607	65,641
117	698,561	116,961	231,172	-	-	62,837	6,754

Electric Energy Made Available

July, 1958

Month	Total net generation	Imports from United States	Exports to United States	Total made available in Canada	Daily Average	
					Total net generation	Total made available
(Thousand kwh.)						
January .....	* 8,564,438	23,390	325,350	* 8,252,478	* 276,272	* 266,209
February .....	* 7,795,778	21,053	293,032	* 7,523,799	* 278,421	* 268,707
March .....	* 8,486,697	12,500	441,702	* 8,057,495	* 273,764	* 259,919
April .....	* 7,950,440	16,000	354,935	* 7,611,505	* 265,015	* 253,717
May .....	* 7,968,435	22,656	275,862	* 7,715,229	* 257,046	* 248,878
June .....	* 7,466,241	23,940	255,949	* 7,234,232	* 248,875	* 241,141
July .....	7,671,815	14,460	390,714	7,295,561	247,478	235,341
August .....						
September .....						
October .....						
November .....						
December .....						
Total .....						

Net generation, 1949-1958  
CANADA

Year and month	Utilities			Industry			Grand total
	Hydro	Thermal	Total	Hydro	Thermal	Total	
(Thousand kwh.)							
1949 .....	35,783,737	1,390,562	37,174,299	n.a.	n.a.	12,889,749	50,064,048
1950 .....	39,342,277	1,647,557	40,989,834	"	"	13,428,593	54,418,427
1951 .....	45,819,227	1,732,652	47,551,879	"	"	13,369,527	60,921,406
1952 .....	49,156,895	2,222,115	51,379,010	"	"	14,086,950	65,465,960
1953 .....	49,160,361	3,797,345	52,957,706	"	"	16,400,824	69,358,530
1954 .....	51,713,904	3,178,434	54,892,338	"	"	17,547,555	72,439,893
1955 .....	57,996,293	3,197,153	61,193,446	"	"	18,381,161	79,574,607
1956 .....	64,014,072	4,292,898	68,306,970	"	"	19,119,968	87,426,938
1957 - Total .....	65,817,043	5,572,995	71,390,038	17,155,908	1,702,865	18,858,773	90,248,811
January .....	5,620,267	632,830	6,253,097	1,654,555	162,972	1,817,527	8,070,624
February .....	5,126,908	527,507	5,654,415	1,466,697	158,114	1,624,811	7,279,226
March .....	5,592,897	504,383	6,097,280	1,509,030	169,723	1,678,753	7,776,033
April .....	5,391,873	421,023	5,812,896	1,513,957	151,647	1,665,604	7,478,500
May .....	5,503,548	382,423	5,885,971	1,533,616	143,871	1,677,487	7,563,458
June .....	5,075,715	386,639	5,462,354	1,148,747	140,904	1,289,651	6,752,005
July .....	5,447,645	358,432	5,806,077	1,170,830	122,167	1,292,997	7,099,074
August .....	5,139,204	438,010	5,577,214	1,162,471	138,910	1,301,381	6,878,595
September .....	5,135,923	467,560	5,603,483	1,190,140	127,820	1,317,960	6,921,443
October .....	5,705,947	531,296	6,237,243	1,648,093	144,833	1,792,926	8,030,169
November .....	5,922,344	474,348	6,396,692	1,649,641	128,573	1,778,214	8,174,906
December .....	6,154,772	448,544	6,603,316	1,508,131	113,331	1,621,462	8,224,778
1958							
January .....	6,294,539	437,663	6,732,202	* 1,699,573	* 132,663	* 1,832,236	* 8,564,438
February .....	5,688,336	427,520	6,115,856	* 1,541,393	* 138,529	* 1,679,922	* 7,795,778
March .....	6,217,035	388,804	6,605,839	* 1,725,354	* 155,504	* 1,880,858	* 8,486,697
April .....	5,811,395	328,608	6,140,003	* 1,661,061	* 149,376	* 1,810,437	* 7,950,440
May .....	5,832,160	335,807	6,167,967	* 1,644,054	* 156,414	* 1,800,468	* 7,968,435
June .....	* 5,473,119	* 304,447	* 5,777,566	* 1,541,104	* 147,571	* 1,688,675	* 7,466,241
July .....	5,632,049	314,510	5,946,559	1,582,981	142,275	1,725,256	7,671,815
August .....							
September .....							
October .....							
November .....							
December .....							

\* Revised.



## DOMINION BUREAU OF STATISTICS

OTTAWA - CANADA



Memorandum

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ELECTRIC POWER STATISTICS

August, 1958

Monthly electric power statistics have been published on the present basis since January 1957. The "Central Electric Stations" series discontinued at that time dealt exclusively with power produced for sale, whether by utilities or by industrial establishments servicing adjoining communities or selling small amounts of power to regular customers. Specifically excluded from the "Central Electric Stations" report was power produced by industry for own use. The revised series which includes this production is therefore a much more reliable economic indicator.

Although the revised series embraces both power produced for own use and power produced for sale it does not reflect the entire production of electric energy in Canada. In order to expedite collection and compilation of returns only firms which generate at least 10 million kilowatt hours per annum are asked to report monthly statistics. These firms, however, were found to have accounted for 98.8 per cent of total production in 1956. With the addition of new firms to the large power class and with the growth of those now included it is expected that this proportion will continue to increase from year to year.

Net generation as defined for the purpose of this series means total output less the amount used in station service. The amount made available in Canada is arrived at by deducting exports to the United States from the sum total of net generation and imports. Energy made available includes power produced for use in electric boilers, the amounts of which are reported separately for each province.

An historical series on the new basis has been compiled back to the year 1949. Canada totals appear on page 4 of this report while those for the provinces were published in a special supplement to the June 1957 report.

Total net generation of electric energy in Canada by firms which produce 10 million kilowatt hours or more per annum amounted to 7,581,541 megawatt hours in August 1958, an increase of 10.2 per cent over the 5,878,595 mwh generated one year ago. Imports from the United States decreased 84.3 per cent to 15,410 mwh from the previous August while exports dropped 1.7 per cent to 340,781 mwh. Electric energy made available for use in Canada in August rose 9.4 per cent to 7,256,170 mwh from 6,630,083 a year ago. Of the total amount made available 310,970 mwh were for use in electric boilers as compared with 164,316 mwh in August 1957.

Generation by utilities increased 5.7 per cent to 5,895,737 mwh while that by industry rose 29.5 per cent.

Provincial totals of production of electric energy during August are as follows (1957 data in brackets). Quebec, 3,440,986 mwh (2,764,000); Ontario, 2,234,479 mwh (2,346,501); British Columbia, 954,472 mwh (843,566); Manitoba, 224,006 mwh (258,030); Alberta, 203,002 mwh (181,961); Saskatchewan, 148,918 mwh (131,838); New Brunswick, 128,196 mwh (115,095); Nova Scotia, 119,848 mwh (119,711); Newfoundland, 110,374 mwh (102,952); Yukon and Northwest Territories, 12,078 mwh (10,201); and Prince Edward Island, 5,182 mwh (4,740).

Prepared in the Transportation and Public Utilities Section

504-509-88

Electric Energy Made Available

August, 1958

	Canada	Newfoundland	Prince Edward Island	Nova Scotia
(Thousand kwh.)				
Net generation				
Utilities:				
Hydro .....	5,525,619	78,280	-	39,127
Thermal .....	370,118	242	5,182	68,235
Total .....	5,895,737	78,522	5,182	107,362
Industry:				
Hydro .....	1,537,754	29,665	-	2,992
Thermal .....	148,050	2,187	-	9,494
Total .....	1,685,804	31,852	-	12,486
Total net generation .....	7,581,541	110,374	5,182	119,848
Energy imported:				
From other provinces .....	xxx	725	-	-
From United States .....	15,410	-	-	-
Total .....	15,410	725	-	-
Energy exported:				
To other provinces .....	xxx	3,895	-	696
To United States - primary .....	102,844	-	-	-
secondary .....	237,937	-	-	-
Total .....	340,781	3,895	-	696
Energy made available in Canada <sup>1</sup> .....	7,256,170	107,204	5,182	119,152
Amount used in electric boilers .....	310,970	12,945	-	-

Cumulative totals, January - August, 1958

Net generation				
Utilities:				
Hydro .....	46,475,752	654,584	-	407,409
Thermal .....	2,907,465	5,730	39,749	498,212
Total .....	49,383,217	660,314	39,749	905,621
Industry:				
Hydro .....	12,926,822	232,268	-	26,449
Thermal .....	1,169,634	21,450	-	77,177
Total .....	14,096,456	253,718	-	103,626
Total net generation .....	63,479,673	914,032	39,749	1,009,247
Energy imported:				
From other provinces .....	xxx	6,731	-	-
From United States .....	149,409	-	-	-
Total .....	149,409	6,731	-	-
Energy exported:				
To other provinces .....	xxx	30,943	-	6,211
To United States - primary .....	836,676	-	-	-
secondary .....	1,851,766	-	-	-
Total .....	2,688,442	30,943	-	6,211
Energy made available in Canada <sup>1</sup> .....	60,940,640	889,820	39,749	1,003,036
Amount used in electric boilers .....	3,077,409	108,340	-	-
August, 1957				
Total net generation .....	6,878,595	102,952	4,740	119,711
Total energy imported .....	98,317	-	-	-
Total energy exported .....	346,829	3,447	-	671
Total made available in Canada <sup>1</sup> .....	6,630,083	99,505	4,740	119,040
Used in electric boilers .....	164,316	2,285	-	-
January - August, 1957				
Total net generation .....	58,897,515	890,684	36,300	973,604
Total energy imported .....	514,685	-	-	-
Total energy exported .....	3,231,864	29,523	-	5,600
Total made available in Canada <sup>1</sup> .....	56,180,336	861,161	36,300	968,004
Used in electric boilers .....	1,342,169	63,736	-	-

1. Includes interruptable and at will energy and energy used in electric boilers.

Electric Energy Made Available

August, 1958

New Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Yukon and N.W.T.
(Thousand kwh.)							
84,761	2,522,379	2,059,481	203,230	42,584	70,023	419,497	6,257
11,708	29	34,223	18,004	96,851	121,484	13,974	186
96,469	2,522,408	2,093,704	221,234	139,435	191,507	433,471	6,443
6,154	904,352	97,963	2,772	1,677	-	486,544	5,635
25,573	14,226	42,812	-	7,806	11,495	34,457	-
31,727	918,578	140,775	2,772	9,483	11,495	521,001	5,635
128,196	3,440,986	2,234,479	224,006	148,918	203,002	954,472	12,078
1,918	4,943	489,070	48,957	165	3,421	10	-
30	33	14,402	-	-	-	945	-
1,948	4,976	503,472	48,957	165	3,421	955	-
-	491,017	3,537	165	46,468	10	3,421	-
3,722	35,742	63,207	3	-	-	170	-
8,954	1,811	226,395	-	-	-	777	-
12,676	528,570	293,139	168	46,468	10	4,368	-
117,468	2,917,392	2,444,812	272,795	102,615	206,413	951,059	12,078
32	265,180	24,976	2,786	-	-	2,813	2,238

Cumulative totals, January - August, 1958

674,870	20,958,185	17,274,898	2,095,448	367,172	681,685	3,311,680	49,821
90,083	252	429,002	45,261	791,753	904,056	101,716	1,651
764,953	20,958,437	17,703,900	2,140,709	1,158,925	1,585,741	3,413,396	51,472
47,892	7,665,140	956,094	20,527	13,583	-	3,930,081	34,788
190,757	122,599	378,033	1,125	57,130	78,214	243,149	-
238,649	7,787,739	1,334,127	21,652	70,713	78,214	4,173,230	34,788
1,003,602	28,746,176	19,038,027	2,162,361	1,229,638	1,663,955	7,586,626	86,260
16,347	39,823	3,998,586	398,126	1,599	7,574	1,577	-
202	317	137,423	-	-	-	11,467	-
16,549	40,140	4,136,009	398,126	1,599	7,574	13,044	-
-	3,974,564	15,553	42,488	391,453	1,577	7,574	-
35,121	322,531	478,111	17	-	-	896	-
63,022	18,167	1,763,025	-	-	-	7,552	-
98,143	4,315,262	2,256,689	42,505	391,453	1,577	16,022	-
922,008	24,471,054	20,917,347	2,517,982	839,784	1,669,952	7,583,648	86,260
2,453	2,435,269	190,573	263,938	-	-	59,572	17,264
115,095	2,764,000	2,346,501	258,030	131,838	181,961	843,566	10,201
2,228	4,405	429,611	43,116	147	643	74,499	-
1,672	433,129	300,790	19,449	43,087	83	833	-
115,651	2,335,276	2,475,322	281,697	88,898	182,521	917,232	10,201
-	109,201	17,501	33,526	-	-	1,057	746
891,316	24,164,191	19,899,001	2,209,780	1,098,451	1,526,109	7,132,237	75,842
18,828	45,702	3,321,112	370,568	1,478	13,708	319,398	-
21,025	3,402,525	2,846,682	111,760	370,086	2,976	17,795	-
889,119	20,807,368	20,373,431	2,468,588	729,843	1,536,841	7,433,839	75,842
117	807,762	134,462	264,698	-	-	63,894	7,500



Electric Energy Made Available

August, 1958

Month	Total net generation	Imports from United States	Exports to United States	Total made available in Canada	Daily Average	
					Total net generation	Total made available
(Thousand kwh.)						
January .....	8,564,438	23,390	335,350	8,252,478	276,272	266,209
February .....	7,795,778	21,053	293,032	7,523,799	278,421	268,707
March .....	8,486,697	12,500	441,702	8,057,495	273,764	259,919
April .....	7,950,440	16,000	354,935	7,611,505	265,015	253,717
May .....	7,968,435	22,656	275,862	7,715,229	257,046	248,878
June .....	7,466,241	23,940	255,949	7,234,232	248,875	241,141
July .....	*7,666,103	14,460	*390,831	*7,289,732	*247,294	*235,153
August .....	7,581,541	15,410	340,781	7,256,170	244,566	234,070
September .....						
October .....						
November .....						
December .....						
Total .....						

Net generation, 1949-1958  
CANADA

Year and month	Utilities			Industry			Grand total
	Hydro	Thermal	Total	Hydro	Thermal	Total	
(Thousand kwh.)							
1949 .....	35,783,737	1,390,562	37,174,299	n.a.	n.a.	12,889,749	50,064,048
1950 .....	39,342,277	1,647,557	40,989,834	"	"	13,428,593	54,418,427
1951 .....	45,819,227	1,732,652	47,551,879	"	"	13,369,527	60,921,406
1952 .....	49,156,895	2,222,115	51,379,010	"	"	14,086,950	65,465,960
1953 .....	49,160,361	3,797,345	52,957,706	"	"	16,400,824	69,358,530
1954 .....	51,713,904	3,178,434	54,892,338	"	"	17,547,555	72,439,893
1955 .....	57,996,293	3,197,153	61,193,446	"	"	18,381,161	79,574,607
1956 .....	64,014,072	4,292,898	68,306,970	"	"	19,119,968	87,426,938
1957 - Total .....	65,817,043	5,572,995	71,390,038	17,155,908	1,702,865	18,858,773	90,248,811
January .....	5,620,267	632,830	6,253,097	1,654,555	162,972	1,817,527	8,070,624
February .....	5,126,908	527,507	5,654,415	1,466,697	158,114	1,624,811	7,279,226
March .....	5,592,897	504,383	6,097,280	1,509,030	169,723	1,678,753	7,776,033
April .....	5,391,873	421,023	5,812,896	1,513,957	151,647	1,665,604	7,478,500
May .....	5,503,548	382,423	5,885,971	1,533,616	143,871	1,677,487	7,563,458
June .....	5,075,715	386,639	5,462,354	1,148,747	140,904	1,289,651	6,752,005
July .....	5,447,645	358,432	5,806,077	1,170,830	122,167	1,292,997	7,099,074
August .....	5,139,204	438,010	5,577,214	1,162,471	138,910	1,301,381	6,878,595
September .....	5,135,923	467,560	5,603,483	1,190,140	127,820	1,317,960	6,921,443
October .....	5,705,947	531,296	6,237,243	1,648,093	144,833	1,792,926	8,030,169
November .....	5,922,344	474,348	6,396,692	1,649,641	128,573	1,778,214	8,174,906
December .....	6,154,772	448,544	6,603,316	1,508,131	113,331	1,621,462	8,224,778
1958							
January .....	6,294,539	437,663	6,732,202	1,699,573	132,663	1,832,236	8,564,438
February .....	5,688,336	427,520	6,115,856	1,541,393	138,529	1,679,922	7,795,778
March .....	6,217,035	388,804	6,605,839	1,725,354	155,504	1,880,858	8,486,697
April .....	5,811,395	328,608	6,140,003	1,661,061	149,376	1,810,437	7,950,440
May .....	5,832,160	335,807	6,167,967	1,644,054	156,414	1,800,468	7,968,435
June .....	5,473,119	304,447	5,777,566	1,541,104	147,571	1,688,675	7,466,241
July .....	*5,633,549	*314,498	*5,948,047	*1,576,529	*141,527	*1,718,056	*7,666,103
August .....	5,525,619	370,118	5,895,737	1,537,754	148,050	1,685,804	7,581,541
September .....							
October .....							
November .....							
December .....							

\* Revised.

# DOMINION BUREAU OF STATISTICS

OTTAWA - CANADA

*Published by Authority of the Hon. Gordon Churchill, Minister of Trade and Commerce*



Memorandum

Vol. 26 No. 9

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## ELECTRIC POWER STATISTICS

September, 1958

Monthly electric power statistics have been published on the present basis since January 1957. The "Central Electric Stations" series discontinued at that time dealt exclusively with power produced for sale, whether by utilities or by industrial establishments servicing adjoining communities or selling small amounts of power to regular customers. Specifically excluded from the "Central Electric Stations" report was power produced by industry for own use. The revised series which includes this production is therefore a much more reliable economic indicator.

Although the revised series embraces both power produced for own use and power produced for sale it does not reflect the entire production of electric energy in Canada. In order to expedite collection and compilation of returns only firms which generate at least 10 million kilowatt hours per annum are asked to report monthly statistics. These firms, however, were found to have accounted for 98.8 per cent of total production in 1956. With the addition of new firms to the large power class and with the growth of those now included it is expected that this proportion will continue to increase from year to year.

Net generation as defined for the purpose of this series means total output less the amount used in station service. The amount made available in Canada is arrived at by deducting exports to the United States from the sum total of net generation and imports. Energy made available includes power produced for use in electric boilers, the amounts of which are reported separately for each province.

An historical series on the new basis has been compiled back to the year 1949. Canada totals appear on page 4 of this report while those for the provinces were published in a special supplement to the June 1957 report.

Total net generation of electric energy in Canada by firms which produce 10 million kilowatt hours or more per annum amounted to 7,615,874 megawatt hours in September 1958, an increase of 10.0 per cent over the 6,921,443 mwh generated a year ago. Imports from the United States at 27,810 mwh were down 75.2 per cent from the previous September while exports at 309,027 mwh were down 15.8 per cent. Electric energy made available for use in Canada in September increased 10.0 per cent to 7,334,657 mwh from 6,666,804 a year ago. Of the total made available 316,671 mwh were for use in electric boilers as compared with 206,608 mwh in September 1957.

Generation by utilities rose 5.2 per cent to 5,893,571 mwh while that by industry increased 30.6 per cent to 1,722,303 mwh. The industrial rise is almost entirely associated with the return to normal production of the Arvida plant of the Aluminum Company of Canada following a strike which lasted from May - October, 1957.

Provincial totals of production of electric energy during September are as follows (1957 data in brackets). Quebec, 3,409,318 mwh (2,851,869); Ontario, 2,301,445 mwh (2,339,943); British Columbia, 954,761 mwh (841,198); Manitoba, 219,450 mwh (243,310); Alberta, 207,182 mwh (183,742); Saskatchewan, 150,311 mwh (133,319); New Brunswick, 125,784 mwh (105,693); Nova Scotia, 125,586 mwh (116,843); Newfoundland, 104,422 mwh (90,574); Yukon and Northwest Territories, 12,587 mwh (9,810); and Prince Edward Island, 5,028 mwh (4,542).

Prepared in the Transportation and Public Utilities Section

3504-509-98

Electric Energy Made Available

September, 1958

	Canada	Newfoundland	Prince Edward Island	Nova Scotia
	(Thousand kwh.)			
<b>Net generation</b>				
Utilities:				
Hydro .....	5,437,419	72,567	-	44,986
Thermal .....	456,152	238	5,028	67,995
Total .....	5,893,571	72,805	5,028	112,981
Industry:				
Hydro .....	1,572,589	29,145	-	2,912
Thermal .....	149,714	2,472	-	9,693
Total .....	1,722,303	31,617	-	12,605
<b>Total net generation .....</b>	<b>7,615,874</b>	<b>104,422</b>	<b>5,028</b>	<b>125,586</b>
<b>Energy imported:</b>				
From other provinces .....	xxx	796	-	-
From United States .....	27,810	-	-	-
Total .....	27,810	796	-	-
<b>Energy exported:</b>				
To other provinces .....	xxx	4,472	-	793
To United States - primary .....	108,721	-	-	-
secondary .....	200,306	-	-	-
Total .....	309,027	4,472	-	793
<b>Energy made available in Canada <sup>1</sup> .....</b>	<b>7,334,657</b>	<b>100,746</b>	<b>5,028</b>	<b>124,793</b>
Amount used in electric boilers .....	316,671	7,908	-	-

Cumulative totals, January - September, 1958

<b>Net generation</b>				
Utilities:				
Hydro .....	51,912,075	726,357	-	452,395
Thermal .....	3,363,949	6,300	44,777	566,207
Total .....	55,276,024	732,657	44,777	1,018,602
Industry:				
Hydro .....	14,494,778	261,413	-	29,361
Thermal .....	1,321,738	24,006	-	86,870
Total .....	15,816,516	285,419	-	116,231
<b>Total net generation .....</b>	<b>71,092,540</b>	<b>1,018,076</b>	<b>44,777</b>	<b>1,134,833</b>
<b>Energy imported:</b>				
From other provinces .....	xxx	7,527	-	-
From United States .....	177,219	-	-	-
Total .....	177,219	7,527	-	-
<b>Energy exported:</b>				
To other provinces .....	xxx	35,415	-	7,004
To United States - primary .....	945,397	-	-	-
secondary .....	2,052,072	-	-	-
Total .....	2,997,469	35,415	-	7,004
<b>Energy made available in Canada <sup>1</sup> .....</b>	<b>68,272,290</b>	<b>990,188</b>	<b>44,777</b>	<b>1,127,829</b>
Amount used in electric boilers .....	3,399,227	116,248	-	-
<b>September, 1957</b>				
Total net generation .....	6,921,443	90,574	4,542	116,843
Total energy imported .....	112,298	-	-	-
Total energy exported .....	366,937	3,421	-	685
Total made available in Canada <sup>1</sup> .....	6,666,804	87,153	4,542	116,158
Used in electric boilers .....	206,608	2,870	-	-
<b>January - September, 1957</b>				
Total net generation .....	65,818,958	981,258	40,842	1,090,447
Total energy imported .....	626,983	-	-	-
Total energy exported .....	3,598,801	32,944	-	6,285
Total made available in Canada <sup>1</sup> .....	62,847,140	948,314	40,842	1,084,162
Used in electric boilers .....	1,548,777	66,606	-	-

1. Includes interruptable and at will energy and energy used in electric boilers.



Electric Energy Made Available

September, 1958

New Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Yukon and N.W.T.
(Thousand kwh.)							
83,170	2,469,661	2,070,356	171,310	42,332	59,575	416,648	6,814
13,400	36	73,942	45,275	99,444	136,585	13,991	218
96,570	2,469,697	2,144,298	216,585	141,776	196,160	430,639	7,032
5,189	922,721	112,143	2,865	1,585	-	490,474	5,555
24,025	16,900	45,004	-	6,950	11,022	33,648	-
29,214	939,621	157,147	2,865	8,535	11,022	524,122	5,555
125,784	3,409,318	2,301,445	219,450	150,311	207,182	954,761	12,587
2,145	5,523	478,125	60,828	206	3,115	30	-
19	35	26,824	-	-	-	932	-
2,164	5,558	504,949	60,828	206	3,115	962	-
-	480,273	16,496	206	45,383	30	3,115	-
3,600	44,138	60,865	3	-	-	115	-
9,290	1,520	188,561	-	-	-	935	-
12,890	525,931	265,922	209	45,383	30	4,165	-
115,058	2,888,945	2,540,472	280,069	105,134	210,267	951,558	12,587
-	267,681	32,350	1,249	-	-	4,897	2,586

Cumulative totals, January - September, 1958

758,040	23,427,846	19,344,952	2,266,758	409,504	741,260	3,728,328	56,635
103,483	288	502,944	90,536	891,197	1,040,641	115,707	1,869
861,523	23,428,134	19,847,896	2,357,294	1,300,701	1,781,901	3,844,035	58,504
53,081	8,583,205	1,068,260	23,392	15,168	-	4,420,555	40,343
214,782	139,499	424,101	1,125	64,080	89,236	278,039	-
267,863	8,722,704	1,492,361	24,517	79,248	89,236	4,698,594	40,343
1,129,386	32,150,838	21,340,257	2,381,811	1,379,949	1,871,137	8,542,629	98,847
18,492	45,401	4,476,711	458,954	1,805	10,689	1,607	-
221	352	164,247	-	-	-	12,399	-
18,713	45,753	4,640,958	458,954	1,805	10,689	14,006	-
-	4,454,837	32,104	42,694	436,836	1,607	10,689	-
38,721	366,669	538,976	20	-	-	1,011	-
72,312	19,687	1,951,586	-	-	-	8,487	-
111,033	4,841,193	2,522,666	42,714	436,836	1,607	20,187	-
1,037,066	27,355,398	23,458,549	2,798,051	944,918	1,880,219	8,536,448	98,847
2,453	2,698,446	232,574	265,187	-	-	64,469	19,850
105,693	2,851,869	2,339,943	243,310	133,319	183,742	841,798	9,810
2,677	4,505	471,737	45,915	193	2,016	88,314	-
202	482,728	325,174	9,726	45,825	55	2,180	-
108,168	2,373,646	2,486,506	279,499	87,687	185,703	927,932	9,810
-	175,871	10,066	15,647	-	-	1,192	962
997,009	27,016,060	22,238,944	2,453,090	1,231,770	1,709,851	7,974,035	85,652
21,505	50,207	3,792,849	416,483	1,671	15,724	407,712	-
21,227	3,885,253	3,171,856	121,486	415,911	3,031	19,976	-
997,287	23,181,014	22,859,937	2,748,087	817,530	1,722,544	8,361,771	85,652
117	983,633	144,528	280,345	-	-	65,086	8,462

# Electric Energy Made Available

September, 1958

Month	Total net generation	Imports from United States	Exports to United States	Total made available in Canada	Daily Average	
					Total net generation	Total made available
(Thousand kwh.)						
January .....	8,564,438	23,390	335,350	8,252,478	276,272	266,209
February .....	7,795,778	21,053	293,032	7,523,799	278,421	268,707
March .....	8,486,697	12,500	441,702	8,057,495	273,764	259,919
April .....	7,950,440	16,000	354,935	7,611,505	265,015	253,717
May .....	7,968,435	22,656	275,862	7,715,229	257,046	248,878
June .....	7,466,241	23,940	255,949	7,234,232	248,875	241,141
July .....	7,666,103	14,460	390,831	7,289,732	247,294	235,153
August .....	*7,578,534	15,410	340,781	*7,253,163	*244,468	*233,973
September .....	7,615,874	27,810	309,027	7,334,657	253,862	244,489
October .....						
November .....						
December .....						
Total .....						

## Net generation, 1949-1958 CANADA

Year and month	Utilities			Industry			Grand total
	Hydro	Thermal	Total	Hydro	Thermal	Total	
(Thousand kwh.)							
1949 .....	35,783,737	1,390,562	37,174,299	n.a.	n.a.	12,889,749	50,064,048
1950 .....	39,342,277	1,647,557	40,989,834	"	"	13,428,593	54,418,427
1951 .....	45,819,227	1,732,652	47,551,879	"	"	13,369,527	60,921,406
1952 .....	49,156,895	2,222,115	51,379,010	"	"	14,086,950	65,465,960
1953 .....	49,160,361	3,797,345	52,957,706	"	"	16,400,824	69,358,530
1954 .....	51,713,904	3,178,434	54,892,338	"	"	17,547,555	72,439,893
1955 .....	57,996,293	3,197,153	61,193,446	"	"	18,381,161	79,574,607
1956 .....	64,014,072	4,292,898	68,306,970	"	"	19,119,968	87,426,938
1957 - Total .....	65,817,043	5,572,995	71,390,038	17,155,908	1,702,865	18,858,773	90,248,811
January .....	5,620,267	632,830	6,253,097	1,654,555	162,972	1,817,527	8,070,624
February .....	5,126,908	527,507	5,654,415	1,466,697	158,114	1,624,811	7,279,226
March .....	5,592,897	504,383	6,097,280	1,509,030	169,723	1,678,753	7,776,033
April .....	5,391,873	421,023	5,812,896	1,513,957	151,647	1,665,604	7,478,500
May .....	5,503,548	382,423	5,885,971	1,533,616	143,871	1,677,487	7,563,458
June .....	5,075,715	386,639	5,462,354	1,148,747	140,904	1,289,651	6,752,005
July .....	5,447,645	358,432	5,806,077	1,170,830	122,167	1,292,997	7,099,074
August .....	5,139,204	438,010	5,577,214	1,162,471	138,910	1,301,381	6,878,595
September .....	5,135,923	467,560	5,603,483	1,190,140	127,820	1,317,960	6,921,443
October .....	5,705,947	531,296	6,237,243	1,648,093	144,833	1,792,926	8,030,169
November .....	5,922,344	474,348	6,396,692	1,649,641	128,573	1,778,214	8,174,906
December .....	6,154,772	448,544	6,603,316	1,508,131	113,331	1,621,462	8,224,778
1958							
January .....	6,294,539	437,663	6,732,202	1,699,573	132,663	1,832,236	8,564,438
February .....	5,688,336	427,520	6,115,856	1,541,393	138,529	1,679,922	7,795,778
March .....	6,217,035	388,804	6,605,839	1,725,354	155,504	1,880,858	8,486,697
April .....	5,811,395	328,608	6,140,003	1,661,061	149,376	1,810,437	7,950,440
May .....	5,832,160	335,807	6,167,967	1,644,054	156,414	1,800,468	7,968,435
June .....	5,473,119	304,447	5,777,566	1,541,104	147,571	1,688,675	7,466,241
July .....	5,633,549	314,498	5,948,047	1,576,529	141,527	1,718,056	7,666,103
August .....	*5,524,523	*370,450	*5,894,973	*1,533,121	*150,440	*1,683,561	*7,578,534
September .....	5,437,419	456,152	5,893,571	1,572,589	149,714	1,722,303	7,615,874
October .....							
November .....							
December .....							

\* Revised.

# DOMINION BUREAU OF STATISTICS

## OTTAWA - CANADA



Memorandum

Published by Authority of the Hon. Gordon Churchill, Minister of Trade and Commerce

Vol. 26 No. 10

### ELECTRIC POWER STATISTICS

Price: \$1.00 per year

October, 1958

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Net generation as defined for the purpose of this series means total output less the amount used in station service. The amount made available in Canada is arrived at by deducting exports to the United States from the sum total of net generation and imports. Energy made available includes power produced for use in electric boilers, the amounts of which are reported separately for each province.

An historical series on the new basis has been compiled back to the year 1949. Canada totals appear on page 4 of this report while those for the provinces were published in a special supplement to the June 1957 report.

Total net generation of electric energy in Canada by firms which produce 10 million kilowatt hours or more per annum amounted to 8,347,092 megawatt hours in October 1958, an increase of 3.9 per cent over the 8,030,169 mwh generated a year ago. Imports from the United States fell 76.9 per cent to 23,599 mwh while exports declined 13.7 per cent to 338,334 mwh. Electric energy made available for use in Canada in October increased 3.7 per cent to 8,032,357 mwh from 7,747,843 a year ago. Of the total made available 419,001 mwh were for use in electric boilers as compared with 343,467 mwh in October 1957.

Generation by utilities increased 4.6 per cent to 6,525,810 mwh while that by industry rose 1.6 per cent to 1,821,282 mwh. A 15,625 k.v.a. turbine generator was placed in industrial service in New Brunswick during October. The small increase in October industrial production in contrast to the large increases recorded in recent months marked the return to normal production of the Arvida plant of the Aluminum Company of Canada following the May - October strike in 1957.

Provincial totals of production of electric energy during October are as follows (1957 data in brackets). Quebec, 3,785,647 mwh (3,594,512); Ontario, 2,454,241 mwh (2,508,807); British Columbia, 1,035,144 mwh (930,262); Manitoba, 257,523 mwh (270,279); Alberta, 229,080 mwh (201,313); Saskatchewan, 182,505 mwh (146,648); Nova Scotia, 139,636 mwh (127,500); New Brunswick, 137,458 mwh (116,521); Newfoundland 118,459 mwh (122,888); Yukon and Northwest Territories, 11,591 mwh (9,741); and Prince Edward Island, 5,508 mwh (4,989).

Prepared in the Transportation and Public Utilities Section

8504-509-108



Electric Energy Made Available  
October, 1958

	Canada	Newfoundland	Prince Edward Island	Nova Scotia
	(Thousand kwh.)			
Net generation				
Utilities:				
Hydro .....	6,112,406	83,792	-	51,776
Thermal .....	413,404	284	5,508	74,418
Total .....	6,525,810	84,076	5,508	126,194
Industry:				
Hydro .....	1,662,540	31,870	-	3,206
Thermal .....	158,742	2,513	-	10,236
Total .....	1,821,282	34,383	-	13,442
Total net generation .....	8,347,092	118,459	5,508	139,636
Energy imported:				
From other provinces .....	xxx	898	-	-
From United States .....	23,599	-	-	-
Total .....	23,599	898	-	-
Energy exported:				
To other provinces .....	xxx	3,721	-	920
To United States - primary .....	104,045	-	-	-
secondary .....	234,289	-	-	-
Total .....	338,334	3,721	-	920
Energy made available in Canada <sup>1</sup> .....	8,032,357	115,636	5,508	138,716
Amount used in electric boilers .....	419,961	12,657	-	-

Cumulative totals, January - October, 1958

Net generation				
Utilities:				
Hydro .....	58,024,481	810,149	-	504,171
Thermal .....	3,777,353	6,584	50,285	640,625
Total .....	61,801,834	816,733	50,285	1,144,796
Industry:				
Hydro .....	16,256,691	393,283	-	32,567
Thermal .....	1,482,191	26,519	-	97,106
Total .....	17,738,882	419,802	-	129,673
Total net generation .....	79,540,716	1,236,535	50,285	1,274,469
Energy imported:				
From other provinces .....	xxx	8,425	-	-
From United States .....	200,818	-	-	-
Total .....	200,818	8,425	-	-
Energy exported:				
To other provinces .....	xxx	39,136	-	7,924
To United States - primary .....	1,049,442	-	-	-
secondary .....	2,285,939	-	-	-
Total .....	3,335,381	39,136	-	7,924
Energy made available in Canada <sup>1</sup> .....	76,406,153	1,205,824	50,285	1,266,545
Amount used in electric boilers .....	3,819,189	128,905	-	-
October, 1957				
Total net generation .....	8,030,169	122,888	4,989	127,504
Total energy imported .....	102,255	-	-	-
Total energy exported .....	384,581	3,686	-	799
Total made available in Canada <sup>1</sup> .....	7,747,843	119,202	4,989	126,705
Used in electric boilers .....	343,467	13,005	-	-
January - October, 1957				
Total net generation .....	73,849,127	1,104,146	45,831	1,217,951
Total energy imported .....	729,238	-	-	-
Total energy exported .....	3,983,382	36,630	-	7,084
Total made available in Canada <sup>1</sup> .....	70,594,983	1,067,516	45,831	1,210,867
Used in electric boilers .....	1,892,244	79,611	-	-

1. Includes interruptable and at will energy and energy used in electric boilers.

Electric Energy Made Available

October, 1958

New Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Yukon and N.W.T.
(Thousand kwh.)							
85,754	2,782,116	2,246,612	245,546	45,761	83,250	480,437	7,362
16,417	123	49,453	8,923	108,069	134,934	15,016	259
102,171	2,782,239	2,296,065	254,469	153,830	218,184	495,453	7,621
3,899	985,917	119,228	3,054	1,641	-	509,755	3,970
31,388	17,491	48,948	-	7,334	10,896	29,936	-
35,287	1,003,408	168,176	3,054	8,975	10,896	539,691	3,970
137,458	3,785,647	2,464,241	257,523	162,805	229,080	1,035,144	11,591
2,349	4,898	518,790	53,553	222	3,194	10	-
-	40	22,471	-	-	-	1,088	-
2,349	4,938	541,261	53,553	222	3,194	1,098	-
-	521,117	5,714	222	49,016	10	3,194	-
3,486	40,599	59,862	3	-	-	95	-
9,142	2,293	221,815	-	-	-	1,039	-
12,628	564,009	287,391	225	49,016	10	4,328	-
127,179	3,226,576	2,718,111	310,851	114,011	232,264	1,031,914	11,591
-	333,125	56,506	7,592	-	-	7,112	2,969

Cumulative totals, January - October, 1958

843,794	26,209,962	21,591,564	2,512,304	455,265	824,510	4,208,765	63,997
119,900	411	552,397	99,459	999,266	1,175,575	130,723	2,128
963,694	26,210,373	22,143,961	2,611,763	1,454,531	2,000,085	4,339,488	66,125
56,980	9,569,122	1,187,488	26,446	16,809	-	4,930,277	43,719
246,170	156,990	473,049	1,125	71,414	101,967	307,851	-
303,150	9,726,112	1,660,537	27,571	88,223	101,967	5,238,128	43,719
1,266,844	35,936,485	23,804,498	2,639,334	1,542,754	2,102,052	9,577,616	109,844
20,841	50,299	4,995,501	512,507	2,027	13,883	1,617	-
221	392	186,718	-	-	-	13,487	-
21,062	50,691	5,182,219	512,507	2,027	13,883	15,104	-
-	4,975,954	37,818	42,916	485,852	1,617	13,883	-
42,207	407,268	598,838	23	-	-	1,106	-
81,454	21,980	2,172,980	-	-	-	9,525	-
123,661	5,405,202	2,809,636	42,939	485,852	1,617	24,514	-
1,164,245	30,581,974	26,177,081	3,108,902	1,058,929	2,114,318	9,568,206	109,844
2,453	3,031,571	289,080	272,779	-	-	71,581	22,820
116,531	3,594,512	2,505,802	270,279	146,648	201,013	930,262	9,741
2,158	4,747	530,630	51,887	177	3,359	77,670	-
895	540,085	339,387	12,243	51,495	53	4,311	-
117,794	3,059,174	2,697,045	309,923	95,330	204,319	1,003,621	9,741
-	286,969	11,092	25,884	-	-	5,218	1,299
1,113,540	30,610,572	24,744,746	2,723,369	1,378,418	1,910,864	8,904,297	95,393
23,663	54,954	4,323,479	468,370	1,848	19,083	485,382	-
22,122	4,425,338	3,511,243	133,729	467,406	3,084	24,287	-
1,115,081	26,240,188	25,556,982	3,058,010	912,860	1,926,863	9,365,392	95,393
117	1,270,602	155,620	306,229	-	-	70,304	9,761

Electric Energy Made Available

October, 1958

Month	Total net generation	Imports from United States	Exports to United States	Total made available in Canada	Daily Average	
					Total net generation	Total made available
(Thousand kwh.)						
January .....	8,564,438	23,390	335,350	8,252,478	276,272	266,209
February .....	7,795,778	21,053	293,032	7,523,799	278,421	268,707
March .....	8,486,697	12,500	441,702	8,057,495	273,764	259,919
April .....	7,950,440	16,000	354,935	7,611,505	265,015	253,717
May .....	7,968,435	22,656	275,862	7,715,229	257,046	248,878
June .....	7,466,241	23,940	255,949	7,234,232	248,875	241,141
July .....	7,666,103	14,460	390,831	7,289,732	247,294	235,153
August .....	7,578,534	15,410	340,781	7,253,163	244,468	233,973
September .....	*7,616,958	27,810	*308,605	*7,336,163	*253,899	*244,539
October .....	8,347,092	23,599	338,334	8,032,357	269,261	259,108
November .....						
December .....						
Total .....						

Net generation, 1949-1958  
CANADA

Year and month	Utilities			Industry			Grand total
	Hydro	Thermal	Total	Hydro	Thermal	Total	
(Thousand kwh.)							
1949 .....	35,783,737	1,390,562	37,174,299	n.a.	n.a.	12,889,749	50,064,048
1950 .....	39,342,277	1,647,557	40,989,834	"	"	13,428,593	54,418,427
1951 .....	45,819,227	1,732,652	47,551,879	"	"	13,369,527	60,921,406
1952 .....	49,156,895	2,222,115	51,379,010	"	"	14,086,950	65,465,960
1953 .....	49,160,361	3,797,345	52,957,706	"	"	16,400,824	69,358,530
1954 .....	51,713,904	3,178,434	54,892,338	"	"	17,547,555	72,439,893
1955 .....	57,996,293	3,197,153	61,193,446	"	"	18,381,161	79,574,607
1956 .....	64,014,072	4,292,898	68,306,970	"	"	19,119,968	87,426,938
1957 - Total .....	65,817,043	5,572,995	71,390,038	17,155,908	1,702,865	18,858,773	90,248,811
January .....	5,620,267	632,830	6,253,097	1,654,555	162,972	1,817,527	8,070,624
February .....	5,126,908	527,507	5,654,415	1,466,697	158,114	1,624,811	7,279,226
March .....	5,592,897	504,383	6,097,280	1,509,030	169,723	1,678,753	7,776,033
April .....	5,391,873	421,023	5,812,896	1,513,957	151,647	1,665,604	7,478,500
May .....	5,503,548	382,423	5,885,971	1,533,616	143,871	1,677,487	7,563,458
June .....	5,075,715	386,639	5,462,354	1,148,747	140,904	1,289,651	6,752,005
July .....	5,447,645	358,432	5,806,077	1,170,830	122,167	1,292,997	7,099,074
August .....	5,139,204	438,010	5,577,214	1,162,471	138,910	1,301,381	6,878,595
September .....	5,135,923	467,560	5,603,483	1,190,140	127,820	1,317,960	6,921,443
October .....	5,705,947	531,296	6,237,243	1,648,093	144,833	1,792,926	8,030,169
November .....	5,922,344	474,348	6,396,692	1,649,641	128,573	1,778,214	8,174,906
December .....	6,154,772	448,544	6,603,316	1,508,131	113,331	1,621,462	8,224,778
1958							
January .....	6,294,539	437,663	6,732,202	1,699,573	132,663	1,832,236	8,564,438
February .....	5,688,336	427,520	6,115,856	1,541,393	138,529	1,679,922	7,795,778
March .....	6,217,035	388,804	6,605,839	1,725,354	155,504	1,880,858	8,486,697
April .....	5,811,395	328,608	6,140,003	1,661,061	149,376	1,810,437	7,950,440
May .....	5,832,160	335,807	6,167,967	1,644,054	156,414	1,800,468	7,968,435
June .....	5,473,119	304,447	5,777,566	1,541,104	147,571	1,688,675	7,466,241
July .....	5,633,549	314,498	5,948,047	1,576,529	141,527	1,718,056	7,666,103
August .....	5,524,523	370,450	5,894,973	1,533,121	150,440	1,683,561	7,578,534
September .....	5,437,419	456,152	5,893,571	*1,571,962	*151,425	*1,723,387	*7,616,958
October .....	6,112,406	413,404	6,525,810	1,662,540	158,742	1,821,282	8,347,092
November .....							
December .....							

\* Revised



## DOMINION BUREAU OF STATISTICS

OTTAWA - CANADA



Published by Authority of the Hon. Gordon Churchill, Minister of Trade and Commerce

Memorandum

Vol. 26 No. 11

ELECTRIC POWER STATISTICS

Price: \$1.00 per year

November, 1958

Monthly electric power statistics have been published on the present basis since January 1957. The "Central Electric Stations" series discontinued at that time dealt exclusively with power produced for sale, whether by utilities or by industrial establishments servicing adjoining communities or selling small amounts of power to regular customers. Specifically excluded from the "Central Electric Stations" report was power produced by industry for own use. The revised series which includes this production is therefore a much more reliable economic indicator.

Although the revised series embraces both power produced for own use and power produced for sale it does not reflect the entire production of electric energy in Canada. In order to expedite collection and compilation of returns only firms which generate at least 10 million kilowatt hours per annum are asked to report monthly statistics. These firms, however, were found to have accounted for 98.8 per cent of total production in 1956. With the addition of new firms to the large power class and with the growth of those now included it is expected that this proportion will continue to increase from year to year.

Net generation as defined for the purpose of this series means total output less the amount used in station service. The amount made available in Canada is arrived at by deducting exports to the United States from the sum total of net generation and imports. Energy made available includes power produced for use in electric boilers, the amounts of which are reported separately for each province.

An historical series on the new basis has been compiled back to the year 1949. Canada totals appear on page 4 of this report while those for the provinces were published in a special supplement to the June 1957 report.

Total net generation of electric energy in Canada by firms which produce 10 million kilowatt hours or more per annum amounted to 8,462,903 megawatt hours in November 1958, an increase of 3.5 per cent over the 8,174,906 mwh generated a year ago. Imports from the United States at 11,221 mwh were down 80.1 per cent from the previous November while exports at 394,820 mwh were down 7.1 per cent. Electric energy made available for use in Canada in November increased 3.5 per cent to 8,079,304 mwh from 7,806,460 a year ago. Of the total made available 401,385 mwh were for use in electric boilers as compared with 386,599 mwh in November 1957.

Generation by utilities rose 4.6 per cent to 6,688,576 mwh while that by industry fell .2 per cent to 1,774,327 mwh.

Provincial totals of production of electric energy during November are as follows (1957 data in brackets). Quebec, 3,743,925 mwh (3,641,799); Ontario, 2,604,196 mwh (2,588,614); British Columbia, 1,032,512 mwh (904,820); Manitoba, 266,680 mwh (294,099); Alberta, 239,153 mwh (206,464); Saskatchewan, 168,960 mwh (151,112); Nova Scotia, 138,571 mwh (127,605); New Brunswick, 137,647 mwh (123,248); Newfoundland, 114,639 mwh (122,734); Yukon and Northwest Territories, 10,875 mwh (9,191); and Prince Edward Island, 5,745 mwh (5,220).

Prepared in the Transportation and Public Utilities Section

8504-509-118

Electric Energy Made Available

November, 1958

	Canada	Newfoundland	Prince Edward Island	Nova Scotia
	(Thousand kwh.)			
Net generation				
Utilities:				
Hydro .....	6,288,705	81,720	-	48,143
Thermal .....	399,871	264	5,745	77,253
Total .....	6,688,576	81,984	5,745	125,396
Industry:				
Hydro .....	1,615,052	29,499	-	3,065
Thermal .....	159,275	3,156	-	10,110
Total .....	1,774,327	32,655	-	13,175
Total net generation .....	8,462,903	114,639	5,745	138,571
Energy imported:				
From other provinces .....	xxx	821	-	-
From United States .....	11,221	-	-	-
Total .....	11,221	821	-	-
Energy exported:				
To other provinces .....	xxx	3,814	-	956
To United States - primary .....	100,857	-	-	-
secondary .....	293,963	-	-	-
Total .....	394,820	3,814	-	956
Energy made available in Canada <sup>1</sup> .....	8,079,304	111,646	5,745	137,615
Amount used in electric boilers .....	401,385	11,489	-	-

Cumulative totals, January - November, 1958

Net generation				
Utilities:				
Hydro .....	64,313,186	891,869	-	552,314
Thermal .....	4,177,224	6,848	56,030	717,878
Total .....	68,490,410	898,717	56,030	1,270,192
Industry:				
Hydro .....	17,868,609	422,782	-	35,632
Thermal .....	1,641,878	29,675	-	107,216
Total .....	19,510,487	452,457	-	142,848
Total net generation .....	88,000,897	1,351,174	56,030	1,413,040
Energy imported:				
From other provinces .....	xxx	9,246	-	-
From United States .....	212,039	-	-	-
Total .....	212,039	9,246	-	-
Energy exported:				
To other provinces .....	xxx	42,950	-	8,880
To United States - primary .....	1,150,409	-	-	-
secondary .....	2,579,900	-	-	-
Total .....	3,730,309	42,950	-	8,880
Energy made available in Canada <sup>1</sup> .....	84,482,627	1,317,470	56,030	1,404,160
Amount used in electric boilers .....	4,220,102	140,394	-	-

November, 1957

Total net generation .....	8,174,906	122,734	5,220	127,605
Total energy imported .....	56,525	-	-	-
Total energy exported .....	424,971	3,988	-	867
Total made available in Canada <sup>1</sup> .....	7,806,460	118,746	5,220	126,738
Used in electric boilers .....	386,599	19,445	-	-

January - November, 1957

Total net generation .....	82,024,033	1,226,880	51,051	1,345,556
Total energy imported .....	785,763	-	-	-
Total energy exported .....	4,408,353	40,618	-	7,951
Total made available in Canada <sup>1</sup> .....	78,401,443	1,186,262	51,051	1,337,605
Used in electric boilers .....	2,278,843	99,056	-	-

1. Includes interruptable and at will energy and energy used in electric boilers.

Electric Energy Made Available  
November, 1958

New Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Yukon and N.W.T.
(Thousand kwh.)							
87,457	2,771,250	2,423,632	252,205	45,170	85,975	485,794	7,359
13,370	94	18,104	11,343	115,644	142,569	15,203	282
100,827	2,771,344	2,441,736	263,548	160,814	228,544	500,997	7,641
3,210	955,856	115,286	3,132	1,765	-	500,005	3,234
33,610	16,725	47,174	-	6,381	10,609	31,510	-
36,820	972,581	162,460	3,132	8,146	10,609	531,515	3,234
137,647	3,743,925	2,604,196	266,680	168,960	239,153	1,032,512	10,875
2,312	5,142	486,815	50,917	215	2,863	142	-
13	51	10,031	-	-	-	1,126	-
2,325	5,193	496,846	50,917	215	2,863	1,268	-
-	488,992	4,678	215	47,567	142	2,863	-
3,600	34,784	62,381	3	-	-	89	-
12,041	2,273	278,820	-	-	-	829	-
15,641	526,049	345,879	218	47,567	142	3,781	-
124,331	3,223,069	2,755,163	317,379	121,608	241,874	1,029,999	10,875
-	313,578	55,428	10,971	-	-	7,410	2,509

Cumulative totals, January - November, 1958

931,251	28,981,212	24,015,196	2,764,509	500,435	910,485	4,694,559	71,356
133,270	505	570,501	110,802	1,114,910	1,318,144	145,926	2,410
1,064,521	28,981,717	24,585,697	2,875,311	1,615,345	2,228,629	4,840,485	73,766
60,190	10,523,054	1,301,564	29,578	18,574	-	5,430,282	46,953
279,780	173,715	520,635	1,125	77,795	112,576	339,361	-
339,970	10,696,769	1,822,199	30,703	96,369	112,576	5,769,643	46,953
1,404,491	39,678,486	26,407,896	2,906,014	1,711,714	2,341,205	10,610,128	120,719
23,153	55,441	5,482,206	563,424	2,242	16,746	1,759	-
234	443	196,749	-	-	-	14,613	-
23,387	55,884	5,678,955	563,424	2,242	16,746	16,372	-
-	5,464,836	42,496	43,131	533,419	1,759	16,746	-
45,807	442,162	661,219	26	-	-	1,195	-
93,495	24,253	2,451,800	-	-	-	10,352	-
139,302	5,931,251	3,155,515	43,157	533,419	1,759	28,293	-
1,288,576	33,803,119	28,931,336	3,426,281	1,180,537	2,356,192	10,598,207	120,719
2,453	3,344,677	344,508	283,750	-	-	78,991	25,329
123,248	3,641,799	2,588,614	294,099	151,112	206,464	904,820	9,191
2,383	5,170	515,842	50,633	233	2,173	33,172	-
8,411	526,427	372,319	9,421	50,383	166	6,070	-
117,220	3,120,542	2,732,137	335,311	100,962	208,471	931,922	9,191
181	283,699	23,810	49,238	-	-	9,065	1,161
1,236,788	34,252,371	27,333,360	3,017,468	1,529,530	2,117,328	9,809,117	104,584
26,046	60,124	4,839,321	519,003	2,081	21,256	518,554	-
30,533	4,951,765	3,883,562	143,150	517,789	3,250	30,357	-
1,232,301	29,360,730	28,289,119	3,393,321	1,013,822	2,135,334	10,297,314	104,584
298	1,554,301	179,430	355,467	-	-	79,369	10,922



# Electric Energy Made Available

November, 1958

Month	Total net generation	Imports from United States	Exports to United States	Total made available in Canada	Daily Average	
					Total net generation	Total made available
(Thousand kwh.)						
January .....	8,564,438	23,390	335,350	8,252,478	276,272	266,209
February .....	7,795,778	21,053	293,032	7,523,799	278,421	268,707
March .....	8,486,697	12,500	441,702	8,057,495	273,764	259,919
April .....	7,950,440	16,000	354,935	7,611,505	265,015	253,717
May .....	7,968,435	22,656	275,862	7,715,229	257,046	248,878
June .....	7,466,241	23,940	255,949	7,234,232	248,875	241,141
July .....	7,666,103	14,460	390,831	7,289,732	247,294	235,153
August .....	7,578,534	15,410	340,781	7,253,163	244,468	233,973
September .....	7,616,958	27,810	308,605	7,336,163	253,899	244,539
October .....	*8,344,370	23,599	*338,442	*8,029,527	*269,173	*259,017
November .....	8,462,903	11,221	394,820	8,079,304	282,097	269,310
December .....						
Total .....						

## Net generation, 1949-1958 CANADA

Year and month	Utilities			Industry			Grand total
	Hydro	Thermal	Total	Hydro	Thermal	Total	
(Thousand kwh.)							
1949 .....	35,783,737	1,390,562	37,174,299	n.a.	n.a.	12,889,749	50,064,048
1950 .....	39,342,277	1,647,557	40,989,834	"	"	13,428,593	54,418,427
1951 .....	45,819,227	1,732,652	47,551,879	"	"	13,369,527	60,921,406
1952 .....	49,156,895	2,222,115	51,379,010	"	"	14,086,950	65,465,960
1953 .....	49,160,361	3,797,345	52,957,706	"	"	16,400,824	69,358,530
1954 .....	51,713,904	3,178,434	54,892,338	"	"	17,547,555	72,439,893
1955 .....	57,996,293	3,197,153	61,193,446	"	"	18,381,161	79,574,600
1956 .....	64,014,072	4,292,898	68,306,970	"	"	19,119,968	87,426,938
1957 - Total .....	65,817,043	5,572,995	71,390,038	17,155,908	1,702,865	18,858,773	90,248,811
January .....	5,620,267	632,830	6,253,097	1,654,555	162,972	1,817,527	8,070,624
February .....	5,126,908	527,507	5,654,415	1,466,697	158,114	1,624,811	7,279,222
March .....	5,592,897	504,383	6,097,280	1,509,030	169,723	1,678,753	7,776,033
April .....	5,391,873	421,023	5,812,896	1,513,957	151,647	1,665,604	7,478,500
May .....	5,503,548	382,423	5,885,971	1,533,616	143,871	1,677,487	7,563,445
June .....	5,075,715	386,639	5,462,354	1,148,747	140,904	1,289,651	6,752,005
July .....	5,447,645	358,432	5,806,077	1,170,830	122,167	1,292,997	7,099,074
August .....	5,139,204	438,010	5,577,214	1,162,471	138,910	1,301,381	6,878,556
September .....	5,135,923	467,560	5,603,483	1,190,140	127,820	1,317,960	6,921,444
October .....	5,705,947	531,296	6,237,243	1,648,093	144,833	1,792,926	8,030,166
November .....	5,922,344	474,348	6,396,692	1,649,641	128,573	1,778,214	8,174,906
December .....	6,154,772	448,544	6,603,316	1,508,131	113,331	1,621,462	8,224,778
1958							
January .....	6,294,539	437,663	6,732,202	1,699,573	132,663	1,832,236	8,564,439
February .....	5,688,336	427,520	6,115,856	1,541,393	138,529	1,679,922	7,795,778
March .....	6,217,035	388,804	6,605,839	1,725,354	155,504	1,880,858	8,486,696
April .....	5,811,395	328,608	6,140,003	1,661,061	149,376	1,810,437	7,950,438
May .....	5,832,160	335,807	6,167,967	1,644,054	156,414	1,800,468	7,968,436
June .....	5,473,119	304,447	5,777,566	1,541,104	147,571	1,688,675	7,466,241
July .....	5,633,549	314,498	5,948,047	1,576,529	141,527	1,718,056	7,666,103
August .....	5,524,523	370,450	5,894,973	1,533,121	150,440	1,683,561	7,578,534
September .....	5,437,419	456,152	5,893,571	1,571,962	151,425	1,723,387	7,616,958
October .....	6,112,406	413,404	6,525,810	*1,659,406	*159,154	*1,818,560	*8,344,330
November .....	6,288,705	399,871	6,688,576	1,615,052	159,275	1,774,327	8,462,903
December .....							

\* Revised.

# DOMINION BUREAU OF STATISTICS

OTTAWA - CANADA

*Published by Authority of the Hon. Gordon Churchill, Minister of Trade and Commerce*



Memorandum

Vol. 26 No. 12

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## ELECTRIC POWER STATISTICS

December, 1958

Monthly electric power statistics have been published on the present basis since January 1957. The "Central Electric Stations" series discontinued at that time dealt exclusively with power produced for sale, whether by utilities or by industrial establishments servicing adjoining communities or selling small amounts of power to regular customers. Specifically excluded from the "Central Electric Stations" report was power produced by industry for own use. The revised series which includes this production is therefore a much more reliable economic indicator.

Although the revised series embraces both power produced for own use and power produced for sale it does not reflect the entire production of electric energy in Canada. In order to expedite collection and compilation of returns only firms which generate at least 10 million kilowatt hours per annum are asked to report monthly statistics. These firms, however, were found to have accounted for 98.8 per cent of total production in 1956. With the addition of new firms to the large power class and with the growth of those now included it is expected that this proportion will continue to increase from year to year.

Net generation as defined for the purpose of this series means total output less the amount used in station service. The amount made available in Canada is arrived at by deducting exports to the United States from the sum total of net generation and imports. Energy made available includes power produced for use in electric boilers, the amounts of which are reported separately for each province.

An historical series on the new basis has been compiled back to the year 1949. Canada totals appear on page 4 of this report while those for the provinces were published in a special supplement to the June 1957 report.

Total net generation of electric energy in Canada by firms which produce 10 million kilowatt hours or more per annum amounted to 8,841,001 megawatt hours in December 1958, an increase of 7.5 per cent over the 8,224,778 mwh generated a year ago. Imports from the United States dropped 32.1 per cent to 31,802 mwh while exports declined 18.8 per cent to 342,876 mwh. Electric energy made available for use in Canada in December increased 8.7 per cent to 8,530,527 mwh from 7,850,696 mwh a year ago. Of the total made available 394,868 mwh were for use in electric boilers as compared with 386,322 mwh in December 1957. The Rattling Brook hydro power development in Newfoundland was placed in service during December, and two generating units in Quebec.

Net generation during the twelve-month period ended in December amounted to 96,743,375 mwh compared with 90,248,811 mwh in 1957, an increase of 7.2 per cent. Imports from the United States showed a sharp decline of 70.7 per cent to 243,841 mwh from 832,590 mwh in 1957. Exports were down 15.7 per cent to 4,073,187 mwh from 4,829,262 mwh.

Generation by utilities in 1958 increased 5.8 per cent to 75,529,580 mwh while the industrial total rose 12.5 per cent to 21,213,795 mwh.

Provincial totals of production of electric energy during the year are as follows (1957 data in brackets). Quebec, 43,528,802 mwh (37,986,804); Ontario, 29,139,624 mwh (29,982,854); British Columbia, 11,682,152 mwh (10,540,816); Manitoba, 3,213,271 mwh (3,338,170); Alberta, 2,607,006 mwh (2,339,981); Saskatchewan, 1,901,726 mwh (1,692,850); Nova Scotia, 1,561,894 mwh (1,479,727); New Brunswick, 1,544,683 mwh (1,361,428); Newfoundland, 1,369,976 mwh (1,355,378); Yukon and Northwest Territories, 131,705 mwh (114,048); and Prince Edward Island, 62,536 mwh (56,755).

Prepared in the Transportation and Public Utilities Section

8504-509-128

The Queen's Printer and Controller of Stationery, Ottawa, 1959



Electric Energy Made Available  
December, 1958

	Canada	Newfoundland	Prince Edward Island	Nova Scotia
	(Thousand kwh.)			
Net generation				
Utilities:				
Hydro .....	6,524,641	85,843	-	60,224
Thermal .....	513,490	1,481	6,506	76,161
Total .....	7,038,131	87,324	6,506	136,385
Industry:				
Hydro .....	1,640,517	29,190	-	3,173
Thermal .....	162,953	1,807	-	9,296
Total .....	1,803,470	30,997	-	12,469
Total net generation .....	8,841,601	118,321	6,506	148,854
Energy imported:				
From other provinces .....	xxx	-	-	-
From United States .....	31,802	-	-	-
Total .....	31,802	-	-	-
Energy exported:				
To other provinces .....	xxx	3,270	-	1,068
To United States - primary .....	101,792	-	-	-
secondary .....	241,084	-	-	-
Total .....	342,876	3,270	-	1,068
Energy made available in Canada <sup>1</sup> .....	8,530,527	115,051	6,506	147,786
Amount used in electric boilers .....	394,868	14,978	-	-

Cumulative totals, January - December, 1958

Net generation				
Utilities:				
Hydro .....	70,838,846	978,185	-	612,538
Thermal .....	4,690,734	8,337	62,536	794,039
Total .....	75,529,580	986,522	62,536	1,406,577
Industry:				
Hydro .....	19,408,973	351,972	-	38,805
Thermal .....	1,804,822	31,482	-	116,512
Total .....	21,213,795	383,454	-	155,317
Total net generation .....	96,743,375	1,369,976	62,536	1,561,894
Energy imported:				
From other provinces .....	xxx	9,246	-	-
From United States .....	243,841	-	-	-
Total .....	243,841	9,246	-	-
Energy exported:				
To other provinces .....	xxx	46,220	-	9,948
To United States - primary .....	1,252,201	-	-	-
secondary .....	2,820,986	-	-	-
Total .....	4,073,187	46,220	-	9,948
Energy made available in Canada <sup>1</sup> .....	92,914,029	1,333,002	62,536	1,551,946
Amount used in electric boilers .....	4,614,970	155,372	-	-
December, 1957				
Total net generation .....	8,224,778	128,498	5,704	134,171
Total energy imported .....	46,827	-	-	-
Total energy exported .....	420,909	4,002	-	905
Total made available in Canada <sup>1</sup> .....	7,850,696	124,496	5,704	133,266
Used in electric boilers .....	386,322	19,561	-	-
January - December, 1957				
Total net generation .....	90,248,811	1,355,378	56,755	1,479,727
Total energy imported .....	832,590	-	-	-
Total energy exported .....	4,829,262	44,620	-	8,856
Total made available in Canada <sup>1</sup> .....	86,252,139	1,310,758	56,755	1,470,871
Used in electric boilers .....	2,665,165	118,617	-	-

1. Includes interruptable and at will energy and energy used in electric boilers.



Electric Energy Made Available  
December, 1958

New Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Yukon and N.W.T.
(Thousand kwh.)							
72,373	2,873,215	2,507,215	284,268	47,930	80,058	505,998	7,517
27,639	93	56,935	19,637	134,394	173,391	16,914	339
100,012	2,873,308	2,564,150	303,905	182,324	253,449	522,912	7,856
2,882	961,796	118,015	3,352	1,765	-	517,214	3,130
37,298	14,623	49,725	-	5,923	12,352	31,929	-
40,180	976,419	167,740	3,352	7,688	12,352	549,143	3,130
140,192	3,849,727	2,731,890	307,257	190,012	265,801	1,072,055	10,986
2,692	5,040	522,390	56,454	268	2,604	174	-
58	55	30,151	-	-	-	1,538	-
2,750	5,095	552,541	56,454	268	2,604	1,712	-
-	524,014	8,355	268	49,869	174	2,604	-
3,481	35,155	63,050	3	-	-	103	-
8,063	3,943	228,016	-	-	-	1,062	-
11,544	563,112	299,421	271	49,869	174	3,769	-
131,398	3,291,710	2,985,010	363,440	140,411	268,231	1,069,998	10,986
-	306,970	50,328	10,551	-	-	9,975	2,066

Cumulative totals, January - December, 1958

1,003,624	31,855,016	26,522,411	3,048,777	548,365	990,543	5,200,514	78,873
160,909	598	627,436	130,439	1,249,304	1,491,535	162,852	2,749
1,164,533	31,855,614	27,149,847	3,179,216	1,797,669	2,482,078	5,363,366	81,622
63,072	11,484,850	1,419,426	32,930	20,339	-	5,947,496	50,083
317,078	188,338	570,351	1,125	83,718	124,928	371,290	-
380,150	11,673,188	1,989,777	34,055	104,057	124,928	6,318,786	50,083
1,544,683	43,528,802	29,139,624	3,213,271	1,901,726	2,607,006	11,682,152	131,705
25,845	60,481	6,004,596	619,878	2,510	19,350	1,933	-
292	498	226,900	-	-	-	16,151	-
26,137	60,979	6,231,496	619,878	2,510	19,350	18,084	-
-	5,988,850	50,851	43,399	583,288	1,933	19,350	-
49,288	477,317	724,269	29	-	-	1,298	-
101,558	28,196	2,679,816	-	-	-	11,416	-
150,846	6,494,363	3,454,936	43,428	583,288	1,933	32,064	-
1,419,974	37,095,418	31,916,184	3,789,721	1,320,948	2,624,423	11,668,172	131,705
2,453	3,651,647	394,836	294,301	-	-	88,966	27,395
124,640	3,734,433	2,649,494	320,702	163,320	222,653	731,699	9,464
2,397	5,266	536,285	52,252	236	1,044	26,449	-
10,006	547,954	366,615	11,646	52,021	375	4,487	-
117,031	3,191,745	2,819,164	361,308	111,535	223,322	753,661	9,464
389	286,191	15,970	52,476	-	-	10,545	1,190
1,361,428	37,986,804	29,982,854	3,338,170	1,692,850	2,339,981	10,540,816	114,048
28,443	65,390	5,375,606	571,255	2,317	22,300	545,003	-
40,539	5,499,719	4,250,177	154,796	569,810	3,625	34,844	-
1,349,332	32,552,475	31,108,283	3,754,629	1,125,357	2,358,656	11,050,975	114,048
687	1,840,492	195,400	407,943	-	-	89,914	12,112

Electric Energy Made Available  
December, 1958

Month	Total net generation	Imports from United States	Exports to United States	Total made available in Canada	Daily Average	
					Total net generation	Total made available
(Thousand kwh.)						
January .....	8,564,438	23,390	335,350	8,252,478	276,272	266,209
February .....	7,795,778	21,053	293,032	7,523,799	278,421	268,707
March .....	8,486,697	12,500	441,702	8,057,495	273,764	259,919
April .....	7,950,440	16,000	354,935	7,611,505	265,015	253,717
May .....	7,968,435	22,656	275,862	7,715,229	257,046	248,878
June .....	7,466,241	23,940	255,949	7,234,232	248,875	241,141
July .....	7,666,103	14,460	390,831	7,289,732	247,294	235,153
August .....	7,578,534	15,410	340,781	7,253,163	244,468	233,973
September .....	7,616,958	27,810	308,605	7,336,163	253,899	244,535
October .....	*8,344,355	23,599	*338,444	*8,029,510	269,173	259,017
November .....	*8,463,795	11,221	394,820	*8,080,196	*282,127	*266,340
December .....	8,841,601	31,802	342,876	8,530,527	285,213	275,178
Total .....	96,743,375	243,841	4,073,187	92,914,029	265,131	254,648

Net generation, 1949-1958  
CANADA

Year and month	Utilities			Industry			Grand total
	Hydro	Thermal	Total	Hydro	Thermal	Total	
(Thousand kwh.)							
1949 .....	35,783,737	1,390,562	37,174,299	n.a.	n.a.	12,889,749	50,064,048
1950 .....	39,342,277	1,647,557	40,989,834	"	"	13,428,593	54,418,427
1951 .....	45,819,227	1,732,652	47,551,879	"	"	13,369,527	60,921,406
1952 .....	49,156,895	2,222,115	51,379,010	"	"	14,086,950	65,465,960
1953 .....	49,160,361	3,797,345	52,957,706	"	"	16,400,824	69,358,530
1954 .....	51,713,904	3,178,434	54,892,338	"	"	17,547,555	72,439,893
1955 .....	57,996,293	3,197,153	61,193,446	"	"	18,381,161	79,574,607
1956 .....	64,014,072	4,292,898	68,306,970	"	"	19,119,968	87,426,938
1957 - Total .....	65,817,043	5,572,995	71,390,038	17,155,908	1,702,865	18,858,773	90,248,811
January .....	5,620,267	632,830	6,253,097	1,654,555	162,972	1,817,527	8,070,624
February .....	5,126,908	527,507	5,654,415	1,466,697	158,114	1,624,811	7,279,226
March .....	5,592,897	504,383	6,097,280	1,509,030	169,723	1,678,753	7,776,033
April .....	5,391,873	421,023	5,812,896	1,513,957	151,647	1,665,604	7,478,500
May .....	5,503,548	382,423	5,885,971	1,533,616	143,871	1,677,487	7,563,458
June .....	5,075,715	386,639	5,462,354	1,148,747	140,904	1,289,651	6,752,000
July .....	5,447,645	358,432	5,806,077	1,170,830	122,167	1,292,997	7,099,074
August .....	5,139,204	438,010	5,577,214	1,162,471	138,910	1,301,381	6,878,59
September .....	5,135,923	467,560	5,603,483	1,190,140	127,820	1,317,960	6,921,44
October .....	5,705,947	531,296	6,237,243	1,648,093	144,833	1,792,926	8,030,16
November .....	5,922,344	474,348	6,396,692	1,649,641	128,573	1,778,214	8,174,90
December .....	6,154,772	448,544	6,603,316	1,508,131	113,331	1,621,462	8,224,77
1958							
January .....	6,294,539	437,663	6,732,202	1,699,573	132,663	1,832,236	8,564,4
February .....	5,688,336	427,520	6,115,856	1,541,393	138,529	1,679,922	7,795,7
March .....	6,217,035	388,804	6,605,839	1,725,354	155,504	1,880,858	8,486,0
April .....	5,811,395	328,608	6,140,003	1,661,061	149,376	1,810,437	7,950,4
May .....	5,832,160	335,807	6,167,967	1,644,054	156,414	1,800,468	7,968,4
June .....	5,473,119	304,447	5,777,566	1,541,104	147,571	1,688,675	7,466,2
July .....	5,633,549	314,498	5,948,047	1,576,529	141,527	1,718,056	7,666,1
August .....	5,524,523	370,450	5,894,973	1,533,121	150,440	1,683,561	7,578,5
September .....	5,437,419	456,152	5,893,571	1,571,962	151,425	1,723,387	7,616,9
October .....	*6,112,363	*413,432	*6,525,795	1,659,406	159,154	1,818,560	*8,344,3
November .....	*6,289,767	*399,863	*6,689,630	*1,614,899	*159,266	*1,774,165	*8,463,7
December .....	6,524,641	513,490	7,038,131	1,640,517	162,953	1,803,470	8,841,6



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OTTAWA - CANADA

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Although the revised series embraces both power produced for own use and power produced for sale it does not reflect the entire production of electric energy in Canada. In order to expedite collection and compilation of returns only firms which generate at least 10 million kilowatt hours per annum are asked to report monthly statistics. These firms, however, were found to have accounted for 99.1 per cent of total production in 1957.

Net generation as defined for the purpose of this series means total output less the amount used in station service. The amount made available in Canada is arrived at by deducting exports to the United States from the sum total of net generation and imports. Energy produced for use in electric boilers, which is the only form of secondary consumption that can be isolated for all provinces, is deducted from energy made available in order to produce a figure more closely approximating primary consumption.

Total net generation of electric energy in Canada by firms which produce 10 million kilowatt hours or more per annum amounted to 8,772,554 megawatt hours in January, an increase of 3.6 per cent over the 8,564,438 mwh generated a year ago. Generation by utilities rose 4.2 per cent to 7,017,982 mwh while the industrial total declined 4.2 per cent to 1,754,572 mwh.

Provincial totals of production of electric energy during January are as follows (1958 data in brackets): Quebec, 3,722,098 mwh (3,858,107); Ontario, 2,724,177 mwh (2,656,558); British Columbia, 1,094,718 mwh (900,179); Manitoba, 317,846 mwh (339,493); Alberta, 289,891 mwh (230,275); Saskatchewan, 198,195 mwh (170,162); Nova Scotia, 148,348 mwh (138,750); New Brunswick, 135,948 mwh (128,527); Newfoundland, 123,097 mwh (126,975); Yukon and Northwest Territories, 11,961 mwh (9,889); and Prince Edward Island, 6,275 mwh (5,523).

The amount of electric energy made available for use in Canada in January increased 3.5 per cent to 8,538,088 mwh from 8,252,478 mwh in 1958. Exports to the United States declined 18.4 per cent to 273,719 mwh while imports rose 67.8 per cent to 39,253 mwh. Production of electric energy for use in electric boilers was reported at 498,921 mwh compared with 565,458 mwh in January 1958 with the result that the amount shown as available after deduction for use in electric boilers recorded an increase of 4.6 per cent to 8,039,167 mwh from 7,687,020.

The provincial breakdown of electric energy made available less the amounts used in electric boilers, is as follows (1958 data in brackets): Ontario, 3,001,998 mwh (2,867,090); Quebec, 2,764,241 mwh (2,883,715); British Columbia, 1,081,562 mwh (891,982); Manitoba, 363,925 mwh (317,537); Alberta, 291,592 mwh (230,477); Nova Scotia, 147,331 mwh (137,844); Saskatchewan, 146,223 mwh (116,929); New Brunswick, 128,169 mwh (119,279); Newfoundland, 98,020 mwh (108,511); Yukon and Northwest Territories, 9,831 mwh (8,133); and Prince Edward Island, 6,275 mwh (5,523).

Prepared in the Transportation and Public Utilities Section

8504-509-19



Electric Energy Made Available

January, 1959

	Canada	Newfoundland	Prince Edward Island	Nova Scotia
(Thousand kwh.)				
Net generation				
Utilities:				
Hydro .....	6,410,176	85,593	-	53,538
Thermal .....	607,806	3,727	6,275	81,834
Total .....	7,017,982	89,320	6,275	135,372
Industry:				
Hydro .....	1,572,314	32,420	-	3,200
Thermal .....	182,258	1,357	-	9,776
Total .....	1,754,572	33,777	-	12,976
Total net generation .....	8,772,554	123,097	6,275	148,348
Energy imported:				
From other provinces .....	xxx	-	-	-
From United States .....	39,253	-	-	-
Total .....	39,253	-	-	-
Energy exported:				
To other provinces .....	xxx	4,967	-	1,017
To United States - primary .....	99,328	-	-	-
secondary .....	174,391	-	-	-
Total .....	273,719	4,967	-	1,017
Energy made available in Canada <sup>1</sup> .....	8,538,088	118,130	6,275	147,331
Amount used in electric boilers .....	498,921	20,110	-	-
Energy made available less amount used in electric boilers .....	8,039,167	98,020	6,275	147,331

Cumulative totals, January -

Net generation				
Utilities:				
Hydro .....				
Thermal .....				
Total .....				
Industry:				
Hydro .....				
Thermal .....				
Total .....				
Total net generation .....				
Energy imported:				
From other provinces .....				
From United States .....				
Total .....				
Energy exported:				
To other provinces .....				
To United States - primary .....				
secondary .....				
Total .....				
Energy made available in Canada <sup>1</sup> .....				
Amount used in electric boilers .....				
January, 1958				
Total net generation .....	8,564,438	126,975	5,523	138,750
Total energy imported .....	23,390	-	-	-
Total energy exported .....	335,350	3,136	-	906
Total made available in Canada <sup>1</sup> .....	8,252,478	123,839	5,523	137,844
Used in electric boilers .....	565,458	15,328	-	-
Energy made available less amount used in electric boilers .....	7,687,020	108,511	5,523	137,844

1. Includes interruptable and at will energy and energy used in electric boilers.

Electric Energy Made Available  
January, 1959

New Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Yukon and N.W.T.
(Thousand kwh.)							
54,698	2,818,733	2,429,245	299,355	49,398	90,737	520,978	7,901
39,128	754	122,950	15,011	139,959	179,794	17,901	473
93,826	2,819,487	2,552,195	314,366	189,357	270,531	538,879	8,374
2,682	887,382	116,393	3,480	1,846	-	521,324	3,587
39,440	15,229	55,589	-	6,992	19,360	34,515	-
42,122	902,611	171,982	3,480	8,838	19,360	555,839	3,587
135,948	3,722,098	2,724,177	317,846	198,195	289,891	1,094,718	11,961
1,714	6,504	506,862	54,726	321	2,371	670	-
117	58	38,097	-	-	-	981	-
1,831	6,562	544,959	54,726	321	2,371	1,651	-
-	507,559	3,970	321	52,293	670	2,371	-
2,745	35,141	61,336	3	-	-	103	-
6,865	5,223	161,685	-	-	-	618	-
9,610	547,923	226,991	324	52,293	670	3,092	-
128,169	3,180,737	3,042,145	372,248	146,223	291,592	1,093,277	11,961
-	416,496	40,147	8,323	-	-	11,715	2,130
128,169	2,764,241	3,001,998	363,925	146,223	291,592	1,081,562	9,831

Cumulative totals, January -

128,527	3,858,107	2,656,558	339,493	170,162	230,275	900,179	3,889
2,369	4,486	510,500	53,561	259	922	4,892	-
11,156	520,540	280,227	17,033	53,492	720	1,739	-
119,740	3,342,053	2,886,831	376,821	118,929	230,477	903,321	3,889
461	458,338	19,741	58,484	-	-	11,350	1,756
119,279	2,883,715	2,867,090	317,537	116,929	230,477	891,982	8,133

Electric Energy Made Available

Month	Total net generation	Imports from United States	Exports to United States	Total made available in Canada	Daily Average	
					Total net generation	Total made available
(Thousand kwh.)						
January .....	8,772,554	39,253	273,719	8,538,088	282,986	275,422
February .....						
March .....						
April .....						
May .....						
June .....						
July .....						
August .....						
September .....						
October .....						
November .....						
December .....						
Total .....						

Net generation, 1949-1959  
CANADA

Year and month	Utilities			Industry			Grand total
	Hydro	Thermal	Total	Hydro	Thermal	Total	
(Thousand kwh.)							
1949 .....	35,783,737	1,390,562	37,174,299	n.a.	n.a.	12,889,749	50,064,048
1950 .....	39,342,277	1,647,557	40,989,834	"	"	13,428,593	54,418,427
1951 .....	45,819,227	1,732,652	47,551,879	"	"	13,369,527	60,921,406
1952 .....	49,156,895	2,222,115	51,379,010	"	"	14,086,950	65,465,960
1953 .....	49,160,361	3,797,345	52,957,706	"	"	16,400,824	69,358,530
1954 .....	51,713,904	3,178,434	54,892,338	"	"	17,547,555	72,439,893
1955 .....	57,996,293	3,197,153	61,193,446	"	"	18,381,161	79,574,607
1956 .....	64,014,072	4,292,898	68,306,970	"	"	19,119,968	87,426,938
1957 .....	65,817,043	5,572,995	71,390,038	17,155,908	1,702,865	18,858,773	90,248,811
1958 - Total .....	70,838,966	4,690,734	75,529,700	19,409,459	1,804,558	21,214,017	96,743,717
January .....	6,294,539	437,663	6,732,202	1,699,573	132,663	1,832,236	8,564,438
February .....	5,688,336	427,520	6,115,856	1,541,393	138,529	1,679,922	7,795,778
March .....	6,217,035	388,804	6,605,839	1,725,354	155,504	1,880,858	8,486,697
April .....	5,811,395	328,608	6,140,003	1,661,061	149,376	1,810,437	7,950,440
May .....	5,832,160	335,807	6,167,967	1,644,054	156,414	1,800,468	7,968,435
June .....	5,473,119	304,447	5,777,566	1,541,104	147,571	1,688,675	7,466,241
July .....	5,633,549	314,498	5,948,047	1,576,529	141,527	1,718,056	7,666,105
August .....	5,524,523	370,450	5,894,973	1,533,121	150,440	1,683,561	7,578,534
September .....	5,437,419	456,152	5,893,571	1,571,962	151,425	1,723,387	7,616,958
October .....	6,112,363	413,432	6,525,795	1,659,406	159,154	1,818,560	8,344,355
November .....	6,289,767	399,863	6,689,630	1,614,899	159,266	1,774,165	8,463,794
December .....	6,524,761	513,490	7,038,251	1,641,003	162,689	1,803,692	8,841,944
1959							
January .....	6,410,176	607,806	7,017,982	1,572,314	182,258	1,754,572	8,772,554
February .....							
March .....							
April .....							
May .....							
June .....							
July .....							
August .....							
September .....							
October .....							
November .....							
December .....							





## DOMINION BUREAU OF STATISTICS

OTTAWA - CANADA

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## ELECTRIC POWER STATISTICS

February, 1959

Monthly electric power statistics have been published on the present basis since January 1957. The "Central Electric Stations" series discontinued at that time dealt exclusively with power produced for sale, whether by utilities or by industrial establishments servicing adjoining communities or selling small amounts of power to regular customers. Specifically excluded from the "Central Electric Stations" report was power produced by industry for own use. The revised series which includes this production is therefore a much more reliable economic indicator.

Although the revised series embraces both power produced for own use and power produced for sale it does not reflect the entire production of electric energy in Canada. In order to expedite collection and compilation of returns only firms which generate at least 10 million kilowatt hours per annum are asked to report monthly statistics. These firms, however, were found to have accounted for 99.1 per cent of total production in 1957.

Net generation as defined for the purpose of this series means total output less the amount used in station service. The amount made available in Canada is arrived at by deducting exports to the United States from the sum total of net generation and imports. Energy produced for use in electric boilers, which is the only form of secondary consumption that can be isolated for all provinces, is deducted from energy made available in order to produce a figure more closely approximating primary consumption.

Total net generation of electric energy in Canada by firms which produce 10 million kilowatt hours or more per annum amounted to 8,099,001 megawatt hours in February 1959, an increase of 3.9 per cent over the 7,795,778 mwh. generated a year ago. Generation by utilities rose 5.7 per cent to 6,462,253 mwh. while the industrial total fell 2.6 per cent to 1,636,748 mwh.

Electric energy made available for use in Canada in February increased 4.9 per cent to 7,891,803 mwh. from 7,523,799 mwh. in 1958. Imports from the United States rose 91.2 per cent to 40,254 mwh. while exports declined 15.6 per cent to 247,452 mwh. Of the total made available 492,557 mwh. were for use in electric boilers as compared with 531,250 mwh. in February 1958. The amount shown as available for use in Canada after deducting energy used in electric boilers showed an increase of 5.8 per cent to 7,399,246 mwh. from 6,992,549 mwh.

Net generation in the first two months of the year totalled 16,872,624 mwh. compared with 16,360,216 mwh. in the comparable period of 1958, an increase of 512,408 mwh. or 3.1 per cent. Energy made available less the amount used in electric boilers increased 5.2 per cent to 15,437,578 mwh. from 14,679,569.

Prepared in the Transportation and Public Utilities Section

8504-509-19

Electric Energy Made Available

February, 1959

	Canada	Newfoundland	Prince Edward Island	Nova Scotia
	(Thousand kwh.)			
Net generation				
Utilities:				
Hydro .....	5,925,969	76,046	-	45,495
Thermal .....	536,284	3,808	5,642	71,175
Total .....	6,462,253	79,854	5,642	116,670
Industry:				
Hydro .....	1,462,624	19,648	-	2,933
Thermal .....	174,124	3,416	-	9,832
Total .....	1,636,748	23,064	-	12,765
Total net generation .....	8,099,001	102,918	5,642	129,435
Energy imported:				
From other provinces .....	xxx	-	-	-
From United States .....	40,254	-	-	-
Total .....	40,254	-	-	-
Energy exported:				
To other provinces .....	xxx	3,750	-	1,161
To United States - primary .....	94,089	-	-	-
secondary .....	153,363	-	-	-
Total .....	247,452	3,750	-	1,161
Energy made available in Canada <sup>1</sup> .....	7,891,803	99,168	5,642	128,274
Amount produced for use in electric boilers .....	492,557	11,733	-	-
Energy made available less amount produced for boilers ...	7,399,246	87,435	5,642	128,274

Cumulative totals, January - February, 1959

Net generation				
Utilities:				
Hydro .....	12,337,463	161,639	-	99,033
Thermal .....	1,145,787	7,535	11,917	153,009
Total .....	13,483,250	169,174	11,917	252,042
Industry:				
Hydro .....	3,035,627	52,068	-	6,133
Thermal .....	353,747	4,773	-	19,608
Total .....	3,389,374	56,841	-	25,741
Total net generation .....	16,872,624	226,015	11,917	277,783
Energy imported:				
From other provinces .....	xxx	-	-	-
From United States .....	79,507	-	-	-
Total .....	79,507	-	-	-
Energy exported:				
To other provinces .....	xxx	8,717	-	2,178
To United States - primary .....	195,321	-	-	-
secondary .....	327,754	-	-	-
Total .....	523,075	8,717	-	2,178
Energy made available in Canada <sup>1</sup> .....	16,429,056	217,298	11,917	275,605
Amount produced for use in electric boilers .....	991,478	31,843	-	-
Energy made available less amount produced for boilers ...	15,437,578	185,455	11,917	275,605

February, 1958

Total net generation .....	7,795,778	110,213	4,807	125,518
Total energy imported .....	21,053	-	-	-
Total energy exported .....	293,032	2,872	-	827
Total made available in Canada <sup>1</sup> .....	7,523,799	107,341	4,807	124,691
Produced for use in electric boilers .....	531,250	14,614	-	-
Total made available less amount produced for boilers .....	6,992,549	92,727	4,807	124,691

January - February, 1958

Total net generation .....	16,360,216	237,188	10,330	264,268
Total energy imported .....	44,443	1,946	-	-
Total energy exported .....	628,382	7,954	-	1,733
Total made available in Canada <sup>1</sup> .....	15,776,277	231,180	10,330	262,535
Produced for use in electric boilers .....	1,096,708	29,942	-	-
Total made available less amount produced for boilers .....	14,679,569	201,238	10,330	262,535

1. Includes interruptable and at will energy and energy used in electric boilers.

Electric Energy Made Available

February, 1959

New Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Yukon and N.W.T.
(Thousand kwh.)							
40,152	2,614,724	2,241,880	308,953	44,899	67,673	478,469	7,678
46,688	1,059	91,227	7,540	120,802	172,249	15,811	283
86,840	2,615,783	2,333,107	316,493	165,701	239,922	494,280	7,961
2,040	852,624	103,589	3,083	1,661	-	473,929	3,117
34,753	16,036	50,551	1	5,655	18,501	35,379	-
36,793	868,660	154,140	3,084	7,316	18,501	509,308	3,117
123,633	3,484,443	2,487,247	319,577	173,017	258,423	1,003,588	11,078
1,459	5,109	483,069	47,489	819	668	759	-
128	48	39,063	-	-	-	1,015	-
1,587	5,157	522,132	47,489	819	668	1,774	-
-	483,366	1,822	279	47,026	1,300	668	-
1,844	37,166	54,986	3	-	-	90	-
4,606	4,160	143,741	-	-	-	856	-
6,450	524,692	200,549	282	47,026	1,300	1,614	-
118,770	2,964,908	2,808,830	366,784	126,810	257,791	1,003,748	11,078
-	384,463	37,578	42,028	-	-	15,012	1,743
118,770	2,580,445	2,771,252	324,756	126,810	257,791	988,736	9,335

Cumulative totals, January - February, 1959

94,850	5,433,457	4,671,125	608,308	94,297	158,410	999,447	16,897
85,816	1,813	214,177	22,551	260,761	353,920	33,712	576
180,666	5,435,270	4,885,302	630,859	355,058	512,330	1,033,159	17,473
4,722	1,739,921	220,764	6,563	3,499	-	995,253	6,704
74,193	31,229	103,846	1	12,342	37,861	69,894	-
78,915	1,771,150	324,610	6,564	15,841	37,861	1,065,147	6,704
259,581	7,206,420	5,209,912	637,423	370,899	550,191	2,098,306	24,177
3,173	11,613	988,024	102,215	1,639	3,039	1,429	-
245	106	77,160	-	-	-	1,996	-
3,418	11,719	1,065,184	102,215	1,639	3,039	3,425	-
-	989,018	5,792	600	99,319	2,469	3,039	-
4,589	74,214	116,319	6	-	-	193	-
11,471	9,383	305,426	-	-	-	1,474	-
16,060	1,072,615	427,537	606	99,319	2,469	4,706	-
246,939	6,145,524	5,847,559	739,032	273,219	550,761	2,097,025	24,177
-	800,959	77,725	50,351	-	-	26,727	3,873
246,939	5,344,565	5,769,834	688,681	273,219	550,761	2,070,298	20,304
117,340	3,441,158	2,408,990	298,433	159,612	218,141	902,226	9,340
2,047	4,101	456,200	51,296	250	554	1,620	-
9,241	470,176	240,370	11,161	51,231	689	1,480	-
110,146	2,975,083	2,624,820	338,568	108,631	218,006	902,366	9,340
-	440,828	20,526	43,663	-	-	9,877	1,742
110,146	2,534,255	2,604,294	294,905	108,631	218,006	892,489	7,598
245,867	7,299,265	5,065,548	637,926	329,774	448,416	1,802,405	19,229
4,414	10,533	1,047,188	104,857	509	1,476	6,512	-
20,397	992,660	601,085	28,194	104,723	1,409	3,219	-
229,884	6,317,138	5,511,651	714,589	225,560	448,483	1,805,698	19,229
461	899,166	40,267	102,147	-	-	21,227	3,498
229,423	5,417,972	5,471,384	612,442	225,560	448,483	1,784,471	15,731



Electric Energy Made Available

January - February, 1959

Month	Total net generation	Imports from United States	Exports to United States	Total made available in Canada	Total made available less amount produced for use in boilers	Daily Average	
						Total net generation	Total made available
(Thousand kwh.)							
January .....	* 8,772,305	39,253	* 275,623	* 8,535,935	* 8,037,014	* 282,978	* 275,353
February .....	8,099,001	40,254	247,452	7,891,803	7,399,246	289,250	264,259
March .....							
April .....							
May .....							
June .....							
July .....							
August .....							
September .....							
October .....							
November .....							
December .....							
Total .....							

Net generation, 1949-1959  
CANADA

Year and month	Utilities			Industry			Grand total
	Hydro	Thermal	Total	Hydro	Thermal	Total	
(Thousand kwh.)							
1949 .....	35,783,737	1,390,562	37,174,299	n.a.	n.a.	12,889,749	50,064,048
1950 .....	39,342,277	1,647,557	40,989,834	"	"	13,428,593	54,418,427
1951 .....	45,819,227	1,732,652	47,551,879	"	"	13,369,527	60,921,406
1952 .....	49,156,895	2,222,115	51,379,010	"	"	14,086,950	65,465,960
1953 .....	49,160,361	3,797,345	52,957,706	"	"	16,400,824	69,358,530
1954 .....	51,713,904	3,178,434	54,892,338	"	"	17,547,555	72,439,893
1955 .....	57,996,293	3,197,153	61,193,446	"	"	18,381,161	79,574,607
1956 .....	64,014,072	4,292,898	68,306,970	"	"	19,119,968	87,426,938
1957 .....	65,817,043	5,572,995	71,390,038	17,155,908	1,702,865	18,858,773	90,248,811
1958 - Total .....	70,838,966	4,690,734	75,529,700	19,409,459	1,804,558	21,214,017	96,743,717
January .....	6,294,539	437,663	6,732,202	1,699,573	132,663	1,832,236	8,564,438
February .....	5,688,336	427,520	6,115,856	1,541,393	138,529	1,679,922	7,795,778
March .....	6,217,035	388,804	6,605,839	1,725,354	155,504	1,880,858	8,486,697
April .....	5,811,395	328,608	6,140,003	1,661,061	149,376	1,810,437	7,950,440
May .....	5,832,160	335,807	6,167,967	1,644,054	156,414	1,800,468	7,968,435
June .....	5,473,119	304,447	5,777,566	1,541,104	147,571	1,688,675	7,466,241
July .....	5,633,549	314,498	5,948,047	1,576,529	141,527	1,718,056	7,666,103
August .....	5,524,523	370,450	5,894,973	1,533,121	150,440	1,683,561	7,578,534
September .....	5,437,419	456,152	5,893,571	1,571,962	151,425	1,723,387	7,616,958
October .....	6,112,363	413,432	6,525,795	1,659,406	159,154	1,818,560	8,344,355
November .....	6,289,767	399,863	6,689,630	1,614,899	159,266	1,774,165	8,463,795
December .....	6,524,761	513,490	7,038,251	1,641,003	162,689	1,803,692	8,841,943
1959							
January .....	6,410,176	* 609,503	* 7,019,679	* 1,573,003	* 179,623	* 1,752,626	* 8,772,305
February .....	5,925,969	536,284	6,462,253	1,462,624	174,124	1,636,748	8,099,001
March .....							
April .....							
May .....							
June .....							
July .....							
August .....							
September .....							
October .....							
November .....							
December .....							



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Net generation as defined for the purpose of this series means total output less the amount used in station service. The amount made available in Canada is arrived at by deducting exports to the United States from the sum total of net generation and imports. Energy produced for use in electric boilers, which is the only form of secondary consumption that can be isolated for all provinces, is deducted from energy made available in order to produce a figure more closely approximating primary consumption.

Total net generation of electric energy in Canada by firms which produce 10 million kilowatt hours or more per annum amounted to 8,812,997 megawatt hours in March 1959, an increase of 3.8 per cent over the 8,486,697 mwh generated a year ago. Generation by utilities rose 5.9 per cent to 6,997,524 mwh while the industrial total declined 3.5 per cent to 1,815,473 mwh.

The amount of electric energy made available for use in Canada in March increased 5.7 per cent to 8,514,415 mwh from 8,057,495 mwh in 1958. Imports from the United States rose 228.6 per cent to 41,070 mwh while exports fell 23.1 per cent to 339,652 mwh. Production of electric energy for use in electric boilers was reported at 606,966 mwh compared with 606,825 in March 1958 with the result that the amount shown as available after deduction for use in electric boilers recorded an increase of 6.1 per cent to 7,907,449 mwh from 7,450,670.

Net generation in the first three months of the year totalled 25,685,621 mwh compared with 24,846,913 mwh in the comparable period of 1958, a gain of 838,708 mwh or 3.4 per cent. Energy made available less the amount used in electric boilers rose 5.5 per cent to 23,345,027 mwh from 22,130,242.

Prepared in the Transportation and Public Utilities Section

8504-509-39

# Electric Energy Made Available

March, 1959

	Canada	Newfoundland	Prince Edward Island	Nova Scotia
	(Thousand kwh.)			
Net generation				
Utilities:				
Hydro .....	6,511,897	85,732	-	51,323
Thermal .....	485,627	2,615	5,838	74,865
Total .....	6,997,524	88,347	5,838	126,188
Industry:				
Hydro .....	1,634,633	24,718	-	3,178
Thermal .....	180,840	3,660	-	9,858
Total .....	1,815,473	28,378	-	13,036
Total net generation .....	8,812,997	116,725	5,838	139,224
Energy imported:				
From other provinces .....	xxx	-	-	-
From United States .....	41,070	-	-	-
Total .....	41,070	-	-	-
Energy exported:				
To other provinces .....	xxx	4,702	-	1,214
To United States - primary .....	106,675	-	-	-
secondary .....	232,977	-	-	-
Total .....	339,652	4,702	-	1,214
Energy made available in Canada <sup>1</sup> .....	8,514,415	112,023	5,838	138,010
Amount produced for use in electric boilers .....	606,966	15,718	-	-
Energy made available less amount produced for boilers ...	7,907,449	96,305	5,838	138,010

## Cumulative totals, January - March, 1959

Net generation				
Utilities:				
Hydro .....	18,840,000	247,371	-	150,356
Thermal .....	1,640,774	10,150	17,755	227,874
Total .....	20,480,774	257,521	17,755	378,230
Industry:				
Hydro .....	4,670,260	76,786	-	9,311
Thermal .....	534,587	8,433	-	29,466
Total .....	5,204,847	85,219	-	38,777
Total net generation .....	25,685,621	342,740	17,755	417,007
Energy imported:				
From other provinces .....	xxx	-	-	-
From United States .....	120,577	-	-	-
Total .....	120,577	-	-	-
Energy exported:				
To other provinces .....	xxx	13,419	-	3,392
To United States - primary .....	301,996	-	-	-
secondary .....	560,731	-	-	-
Total .....	862,727	13,419	-	3,392
Energy made available in Canada <sup>1</sup> .....	24,943,471	329,321	17,755	413,615
Amount produced for use in electric boilers .....	1,598,444	47,561	-	-
Energy made available less amount produced for boilers ...	23,345,027	281,760	17,755	413,615

March, 1958

Total net generation .....	8,486,697	121,959	5,155	131,657
Total energy imported .....	12,500	1,104	-	-
Total energy exported .....	441,702	3,915	-	869
Total made available in Canada <sup>1</sup> .....	8,057,495	119,148	5,155	130,788
Produced for use in electric boilers .....	606,825	17,570	-	-
Total made available less amount produced for boilers ....	7,450,670	101,578	5,155	130,788

January - March, 1958

Total net generation .....	24,846,913	359,147	15,485	395,925
Total energy imported .....	56,946	3,050	-	-
Total energy exported .....	1,070,084	11,869	-	2,602
Total made available in Canada <sup>1</sup> .....	23,833,775	350,328	15,485	393,323
Produced for use in electric boilers .....	1,703,533	47,512	-	-
Total made available less amount produced for boilers ....	22,130,242	302,816	15,485	393,323

1. Includes interruptable and at will energy and energy used in electric boilers.



Electric Energy Made Available

March, 1959

New Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Yukon and N.W.T.
(Thousand kwh.)							
37,708	2,868,703	2,537,097	316,818	49,682	52,683	503,526	8,625
50,415	5,129	32,619	1,778	117,189	179,795	15,112	272
88,123	2,873,832	2,569,716	318,596	166,871	232,478	518,638	8,897
2,023	958,719	119,561	3,331	1,828	-	517,853	3,422
38,736	15,753	50,028	10	6,090	20,156	36,549	-
40,759	974,472	169,589	3,341	7,918	20,156	554,402	3,422
128,882	3,848,304	2,739,305	321,937	174,789	252,634	1,073,040	12,319
1,885	6,222	526,237	58,047	652	1,491	141	-
112	50	39,312	-	-	-	1,596	-
1,997	6,272	565,549	58,047	652	1,491	1,737	-
-	526,908	7,598	230	51,969	563	1,491	-
1,290	42,642	62,636	3	-	-	104	-
5,296	4,373	222,050	-	-	-	1,258	-
6,586	573,923	292,284	233	51,969	563	2,853	-
124,293	3,280,653	3,012,570	379,751	123,472	253,562	1,071,924	12,319
-	486,806	40,267	52,519	-	-	9,300	2,356
124,293	2,793,847	2,972,303	327,232	123,472	253,562	1,062,624	9,963

Cumulative totals, January - March, 1959

132,558	8,292,800	7,208,222	925,126	143,979	211,093	1,502,973	25,522
136,231	16,302	246,796	24,329	377,950	533,715	48,824	848
268,789	8,309,102	7,455,018	949,455	521,929	744,808	1,551,797	26,370
6,745	2,698,640	340,325	9,894	5,327	-	1,513,106	10,126
112,929	46,982	153,874	11	18,432	58,017	106,443	-
119,674	2,745,622	494,199	9,905	23,759	58,017	1,619,549	10,126
388,463	11,054,724	7,949,217	959,360	545,688	802,825	3,171,346	36,496
5,058	17,835	1,514,261	160,262	2,291	4,530	1,570	-
357	156	116,472	-	-	-	3,592	-
5,415	17,991	1,630,733	160,262	2,291	4,530	5,162	-
-	1,515,926	13,390	830	151,288	3,032	4,530	-
5,879	116,856	178,955	9	-	-	297	-
16,767	13,756	527,476	-	-	-	2,732	-
22,646	1,646,538	719,821	839	151,288	3,032	7,559	-
371,232	9,426,177	8,860,129	1,118,783	396,691	804,323	3,168,949	36,496
-	1,287,765	117,992	102,870	-	-	36,027	6,229
371,232	8,138,412	8,742,137	1,015,913	396,691	804,323	3,132,922	30,267
124,016	3,747,494	2,619,695	309,191	163,742	222,761	1,030,880	10,147
2,194	5,075	552,783	52,692	215	558	1,262	-
9,717	570,092	393,052	13,167	52,388	12	1,873	-
116,493	3,182,477	2,779,426	348,716	111,569	223,307	1,030,269	10,147
9	477,766	33,415	64,086	-	-	12,026	1,953
116,484	2,704,711	2,746,011	284,630	111,569	223,307	1,018,243	8,194
369,883	11,046,759	7,685,243	947,117	493,516	671,177	2,833,285	29,376
6,608	15,611	1,519,483	157,549	724	2,034	7,774	-
30,114	1,562,752	913,649	41,361	157,111	1,421	5,092	-
346,377	9,499,618	8,291,077	1,063,305	337,129	671,790	2,835,967	29,376
470	1,376,932	73,682	166,233	-	-	33,253	5,451
345,907	8,122,686	8,217,395	897,072	337,129	671,790	2,802,714	23,925

Electric Energy Made Available

January - March, 1959

Month	Total net generation	Imports from United States	Exports to United States	Total made available in Canada	Total made available less amount produced for use in boilers	Daily Average	
						Total net generation	Total made available
(Thousand kwh.)							
January .....	* 8,711,277	39,253	275,623	*8,539,907	*8,040,986	* 283,106	* 275,481
February .....	* 8,096,347	40,254	247,452	*7,889,149	*7,396,592	* 289,155	* 281,755
March .....	8,096,347	41,070	339,652	8,514,415	7,907,449	284,290	274,638
April .....							
May .....							
June .....							
July .....							
August .....							
September .....							
October .....							
November .....							
December .....							
Total .....							

Net generation, 1949-1959  
CANADA

Year and month	Utilities			Industry			Grand total
	Hydro	Thermal	Total	Hydro	Thermal	Total	
	(Thousand kwh.)						
1949 .....	35,783,737	1,390,562	37,174,299	n.a.	n.a.	12,889,749	50,064,048
1950 .....	39,342,277	1,647,557	40,989,834	"	"	13,428,593	54,418,427
1951 .....	45,819,227	1,732,652	47,551,879	"	"	13,369,527	60,921,406
1952 .....	49,156,895	2,222,115	51,379,010	"	"	14,086,950	65,465,960
1953 .....	49,160,361	3,797,345	52,957,706	"	"	16,400,824	69,358,530
1954 .....	51,713,904	3,178,434	54,892,338	"	"	17,547,555	72,439,893
1955 .....	57,996,293	3,197,153	61,193,446	"	"	18,381,161	79,574,607
1956 .....	64,014,072	4,292,898	68,306,970	"	"	19,119,968	87,426,938
1957 .....	65,817,043	5,572,995	71,390,038	17,155,908	1,702,865	18,858,773	90,248,811
1958 - Total .....	70,838,966	4,690,734	75,529,700	19,409,459	1,804,558	21,214,017	96,743,717
January .....	6,294,539	437,663	6,732,202	1,699,573	132,663	1,832,236	8,564,438
February .....	5,688,336	427,520	6,115,856	1,541,393	138,529	1,679,922	7,795,778
March .....	6,217,035	388,804	6,605,839	1,725,354	155,504	1,880,858	8,486,697
April .....	5,811,395	328,608	6,140,003	1,661,061	149,376	1,810,437	7,950,440
May .....	5,832,160	335,807	6,167,967	1,644,054	156,414	1,800,468	7,968,435
June .....	5,473,119	304,447	5,777,566	1,541,104	147,571	1,688,675	7,466,241
July .....	5,633,549	314,498	5,948,047	1,576,529	141,527	1,718,056	7,666,103
August .....	5,524,523	370,450	5,894,973	1,533,121	150,440	1,683,561	7,578,534
September .....	5,437,419	456,152	5,893,571	1,571,962	151,425	1,723,387	7,616,958
October .....	6,112,363	413,432	6,525,795	1,659,406	159,154	1,818,560	8,344,355
November .....	6,289,767	399,863	6,689,630	1,614,899	159,266	1,774,165	8,463,795
December .....	6,524,761	513,490	7,038,251	1,641,003	162,689	1,803,692	8,841,943
1959							
January .....	* 6,411,494	*612,157	*7,023,651	1,573,003	179,623	1,752,626	*8,776,277
February .....	* 5,916,609	*542,990	*6,459,599	1,462,624	174,124	1,636,748	*8,096,347
March .....	6,511,897	485,627	6,997,524	1,634,633	180,840	1,815,473	8,812,997
April .....							
May .....							
June .....							
July .....							
August .....							
September .....							
October .....							
November .....							
December .....							



## DOMINION BUREAU OF STATISTICS

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## ELECTRIC POWER STATISTICS

April, 1959

UNIVERSITY OF TORONTO

Monthly electric power statistics have been published on the present basis since January 1957. The "Central Electric Stations" series discontinued at that time dealt exclusively with power produced for sale, whether by utilities or by industrial establishments servicing adjoining communities or selling small amounts of power to regular customers. Specifically excluded from the "Central Electric Stations" report was power produced by industry for own use. The revised series which includes this production is therefore a much more reliable economic indicator.

Although the revised series embraces both power produced for own use and power produced for sale it does not reflect the entire production of electric energy in Canada. In order to expedite collection and compilation of returns only firms which generate at least 10 million kilowatt hours per annum are asked to report monthly statistics. These firms, however, were found to have accounted for 99.1 per cent of total production in 1957.

Net generation as defined for the purpose of this series means total output less the amount used in station service. The amount made available in Canada is arrived at by deducting exports to the United States from the sum total of net generation and imports. Energy produced for use in electric boilers, which is the only form of secondary consumption that can be isolated for all provinces, is deducted from energy made available in order to produce a figure more closely approximating primary consumption.

Total net generation of electric energy in Canada by firms which produce 10 million kilowatt hours or more per annum amounted to 8,616,927 megawatt hours in April 1959, an increase of 8.4 per cent over the 7,950,440 mwh generated a year ago. Generation by utilities rose 12.1 per cent to 6,883,035 mwh while the industrial total fell 4.2 per cent to 1,733,892 mwh.

Electric energy made available for use in Canada in April increased 8.6 per cent to 8,269,739 mwh from 7,611,505 mwh in 1958. Imports from the United States rose 259.9 per cent to 57,588 mwh while exports increased 14.0 per cent to 404,778 mwh. Of the total made available, 640,499 mwh were used in electric boilers as compared with 564,309 mwh in April 1958. The amount shown as available for us in Canada after deducting energy used in electric boilers showed an increase of 8.3 per cent to 7,629,238 mwh from 7,047,196 mwh.

Net generation in the first four months of the year totalled 34,302,548 mwh compared with 32,797,353 mwh in the comparable period of 1958, an increase of 1,505,195 mwh or 4.6 per cent. Energy made available less the amount used in electric boilers increased 6.2 per cent to 30,974,265 mwh from 29,177,435.

Prepared in the Transportation and Public Utilities Section

8504-509-49



Electric Energy Made Available  
April, 1959

	Canada	Newfoundland	Prince Edward Island	Nova Scotia
	(Thousand kwh.)			
Net generation				
Utilities:				
Hydro .....	6,503,041	86,789	-	59,614
Thermal .....	379,994	696	5,278	63,340
Total .....	6,883,035	87,485	5,278	122,954
Industry:				
Hydro .....	1,566,038	28,225	-	3,071
Thermal .....	167,854	1,359	-	9,714
Total .....	1,733,892	29,584	-	12,785
Total net generation .....	8,616,927	117,069	5,278	135,739
Energy imported:				
From other provinces .....	xxx	-	-	-
From United States .....	57,588	-	-	-
Total .....	57,588	-	-	-
Energy exported:				
To other provinces .....	xxx	4,354	-	1,150
To United States - primary .....	102,867	-	-	-
secondary .....	301,911	-	-	-
Total .....	404,778	4,354	-	1,150
Energy made available in Canada <sup>1</sup> .....	8,269,737	112,715	5,278	134,589
Amount used in electric boilers .....	640,499	15,652	-	-
Energy made available less amount used in boilers .....	7,629,238	97,063	5,278	134,589

Cumulative totals, January - April, 1959

Net generation				
Utilities:				
Hydro .....	25,343,041	334,160	-	209,970
Thermal .....	2,020,768	10,846	23,033	291,214
Total .....	27,363,809	345,006	23,033	501,184
Industry:				
Hydro .....	6,236,298	105,011	-	12,382
Thermal .....	702,441	9,792	-	39,180
Total .....	6,938,739	114,803	-	51,562
Total net generation .....	34,302,548	459,809	23,033	552,746
Energy imported:				
From other provinces .....	xxx	-	-	-
From United States .....	178,165	-	-	-
Total .....	178,165	-	-	-
Energy exported:				
To other provinces .....	xxx	17,773	-	4,542
To United States - primary .....	404,863	-	-	-
secondary .....	862,642	-	-	-
Total .....	1,267,505	17,773	-	4,542
Energy made available in Canada <sup>1</sup> .....	33,213,208	442,036	23,033	548,204
Amount used in electric boilers .....	2,233,943	63,213	-	-
Energy made available less amount used in boilers .....	30,974,265	378,823	23,033	548,204
April, 1958				
Total net generation .....	7,950,440	116,806	4,749	124,886
Total energy imported .....	16,000	-	-	-
Total energy exported .....	354,935	2,987	-	790
Total made available in Canada <sup>1</sup> .....	7,611,505	113,819	4,749	124,096
Amount used in electric boilers .....	564,309	11,682	-	-
Total made available less amount used in boilers .....	7,047,196	102,137	4,749	124,096
January - April, 1958				
Total net generation .....	32,797,353	475,953	20,234	520,811
Total energy imported .....	72,943	-	-	-
Total energy exported .....	1,425,019	11,806	-	3,392
Total made available in Canada <sup>1</sup> .....	31,445,277	464,147	20,234	517,419
Amount used in electric boilers .....	2,267,842	59,194	-	-
Total made available less amount used in boilers .....	29,177,435	404,953	20,234	517,419

1. Includes interruptable and at will energy and energy used in electric boilers.

Electric Energy Made Available  
April, 1959

New Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Yukon and N.W.T.
(Thousand kwh.)							
90,649	2,742,916	2,643,115	296,610	48,379	56,508	470,687	7,774
12,727	1,713	6,479	73	110,769	163,124	15,545	250
103,376	2,744,629	2,649,594	296,683	159,148	219,632	486,232	8,024
6,665	910,963	123,787	3,205	1,719	-	485,107	3,296
30,299	16,357	47,227	-	6,304	21,526	35,068	-
36,964	927,320	171,014	3,205	8,023	21,526	520,175	3,296
140,340	3,671,949	2,820,608	299,888	167,171	241,158	1,006,407	11,320
2,397	5,964	416,695	53,419	626	4,187	13	-
17	48	56,353	-	-	-	1,170	-
2,414	6,012	473,048	53,419	626	4,187	1,183	-
-	417,942	4,050	226	50,979	413	4,187	-
3,600	40,489	58,680	3	-	-	95	-
14,166	29	286,701	-	-	-	1,015	-
17,766	458,460	349,431	229	50,979	413	5,297	-
124,988	3,219,501	2,944,225	353,078	116,818	244,932	1,002,293	11,320
356	511,394	64,686	41,920	-	-	4,809	1,682
124,632	2,708,107	2,879,539	311,158	116,818	244,932	997,484	9,638
Cumulative totals, January - April, 1959							
223,207	11,035,716	9,851,337	1,221,736	192,358	267,601	1,973,660	33,296
148,958	18,015	253,275	24,402	488,719	696,839	64,369	1,098
372,165	11,053,731	10,104,612	1,246,138	681,077	964,440	2,038,029	34,394
13,410	3,609,603	464,112	13,099	7,046	-	1,998,213	13,422
143,228	63,339	201,101	11	24,736	79,543	141,511	-
156,638	3,672,942	665,213	13,110	31,782	79,543	2,139,724	13,422
528,803	14,726,673	10,769,825	1,259,248	712,859	1,043,983	4,177,753	47,816
7,455	23,799	1,930,956	213,681	2,917	8,717	1,583	-
374	204	172,825	-	-	-	4,762	-
7,829	24,003	2,103,781	213,681	2,917	8,717	6,345	-
-	1,933,868	17,440	1,056	202,267	3,445	8,717	-
9,479	157,345	237,635	12	-	-	392	-
30,933	13,785	814,177	-	-	-	3,747	-
40,412	2,104,998	1,069,252	1,068	202,267	3,445	12,856	-
496,220	12,645,678	11,804,354	1,471,861	513,509	1,049,255	4,171,242	47,816
356	1,799,159	182,678	144,790	-	-	40,836	7,911
495,864	10,846,519	11,621,676	1,327,071	513,509	1,049,255	4,130,406	39,905
122,169	3,610,924	2,377,436	275,026	150,810	198,854	959,035	9,745
2,053	4,070	523,831	49,831	185	553	826	-
13,154	552,910	299,661	187	49,125	9	1,461	-
111,068	3,062,084	2,601,606	324,670	101,870	199,398	958,400	9,745
383	462,154	25,493	51,983	-	-	10,066	2,548
110,685	2,599,930	2,576,113	272,687	101,870	199,398	948,334	7,197
492,052	14,657,683	10,062,679	1,222,143	644,326	870,031	3,792,320	39,121
8,664	16,628	2,043,314	207,380	909	2,587	8,600	-
43,268	2,112,615	1,213,310	41,548	206,236	1,430	6,553	-
457,448	12,561,696	10,892,683	1,387,975	438,999	871,188	3,794,367	39,121
853	1,839,086	99,175	218,216	-	-	43,319	7,999
456,595	10,722,610	10,793,508	1,169,759	438,999	871,188	3,751,048	31,122

Electric Energy Made Available

January - April, 1959

Month	Total net generation	Imports from United States	Exports to United States	Total made available in Canada	Total made available less amount	Daily Average	
						Total net generation	Total made available
(Thousand kwh.)							
January .....	8,776,277	39,253	275,623	8,539,907	8,040,986	283,106	275,481
February .....	8,096,347	40,254	247,452	7,889,149	7,396,592	289,155	281,755
March .....	8,812,997	41,070	339,652	8,514,415	7,907,449	284,290	274,658
April .....	8,616,927	57,538	404,778	8,269,737	7,629,238	275,658	254,308
May .....							
June .....							
July .....							
August .....							
September .....							
October .....							
November .....							
December .....							
Total .....							

Net generation, 1949-1959  
CANADA

Year and month	Utilities			Industry			Grand total
	Hydro	Thermal	Total	Hydro	Thermal	Total	
(Thousand kwh.)							
1949 .....	35,783,737	1,390,562	37,174,299	n.a.	n.a.	12,889,749	50,064,048
1950 .....	39,342,277	1,647,557	40,989,834	"	"	13,428,593	54,418,427
1951 .....	45,819,227	1,732,652	47,551,879	"	"	13,369,527	60,921,406
1952 .....	49,156,895	2,222,115	51,379,010	"	"	14,086,950	65,465,960
1953 .....	49,160,361	3,797,345	52,957,706	"	"	16,400,824	69,358,530
1954 .....	51,713,904	3,178,434	54,892,338	"	"	17,547,555	72,439,893
1955 .....	57,996,293	3,197,153	61,193,446	"	"	18,381,161	79,574,607
1956 .....	64,014,072	4,292,898	68,306,970	"	"	19,119,968	87,426,938
1957 .....	65,817,043	5,572,995	71,390,038	17,155,908	1,702,865	18,858,773	90,248,811
1958 - Total .....	70,838,966	4,690,734	75,529,700	19,409,459	1,804,558	21,214,017	96,743,717
January .....	6,294,539	437,663	6,732,202	1,699,573	132,663	1,832,236	8,564,438
February .....	5,688,336	427,520	6,115,856	1,541,393	138,529	1,679,922	7,795,778
March .....	6,217,035	388,804	6,605,839	1,725,354	155,504	1,880,858	8,486,697
April .....	5,811,395	328,608	6,140,003	1,661,061	149,376	1,810,437	7,950,440
May .....	5,832,160	335,807	6,167,967	1,644,054	156,414	1,800,468	7,968,435
June .....	5,473,119	304,447	5,777,566	1,541,104	147,571	1,688,675	7,466,241
July .....	5,633,549	314,498	5,948,047	1,576,529	141,527	1,718,056	7,666,103
August .....	5,524,523	370,450	5,894,973	1,533,121	150,440	1,683,561	7,578,534
September .....	5,437,419	456,152	5,893,571	1,571,962	151,425	1,723,387	7,616,958
October .....	6,112,363	413,432	6,525,795	1,659,406	159,154	1,818,560	8,344,355
November .....	6,289,767	399,863	6,689,630	1,614,899	159,266	1,774,165	8,463,795
December .....	6,524,761	513,490	7,038,251	1,641,003	162,689	1,803,692	8,841,943
1959							
January .....	6,411,494	612,157	7,023,651	1,573,003	179,623	1,752,626	8,776,277
February .....	5,916,609	542,990	6,459,599	1,462,624	174,124	1,636,748	8,096,347
March .....	6,511,897	485,627	6,997,524	1,634,633	180,840	1,815,473	8,812,997
April .....	6,503,041	379,994	6,883,035	1,566,038	167,854	1,733,892	8,616,927
May .....							
June .....							
July .....							
August .....							
September .....							
October .....							
November .....							
December .....							





## DOMINION BUREAU OF STATISTICS

OTTAWA - CANADA

Published by Authority of the Hon. Gordon Churchill, Minister of Trade and Commerce

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## ELECTRIC POWER STATISTICS

May, 1959

 JUN 15 1959  
 UNIVERSITY OF TORONTO

Monthly electric power statistics have been published on the present basis since January 1957. The "Central Electric Stations" series discontinued at that time dealt exclusively with power produced for sale, whether by utilities or by industrial establishments servicing adjoining communities or selling small amounts of power to regular customers. Specifically excluded from the "Central Electric Stations" report was power produced by industry for own use. The revised series which includes this production is therefore a much more reliable economic indicator.

Although the revised series embraces both power produced for own use and power produced for sale it does not reflect the entire production of electric energy in Canada. In order to expedite collection and compilation of returns only firms which generate at least 10 million kilowatt hours per annum are asked to report monthly statistics. These firms, however, were found to have accounted for 99.1 per cent of total production in 1957.

Net generation as defined for the purpose of this series means total output less the amount used in station service. The amount made available in Canada is arrived at by deducting exports to the United States from the sum total of net generation and imports. Energy produced for use in electric boilers, which is the only form of secondary consumption that can be isolated for all provinces, is deducted from energy made available in order to produce a figure more closely approximating primary consumption.

Total net generation of electric energy in Canada by firms which produce 10 million kilowatt hours or more per annum amounted to 8,737,738 megawatt hours in May 1959, an increase of 9.7 per cent over the 7,968,435 mwh generated a year ago. Generation by utilities rose 13.3 per cent to 6,988,077 mwh while the industrial total declined 2.8 per cent to 1,749,661 mwh.

The amount of electric energy made available for use in Canada in May increased 6.4 per cent to 8,205,196 mwh from 7,715,229 mwh in 1958. Imports from the United States rose 218.3 per cent to 72,116 mwh while exports were up 119.2 per cent to 604,658 mwh. Electric energy used in electric boilers was up 18.9 per cent to 607,929 mwh from 511,374 in May 1958, with the result that the amount shown as available after deducting energy used in electric boilers recorded an increase of 5.5 per cent to 7,597,267 mwh from 7,203,855.

Net generation in the first five months of the year totalled 43,034,465 mwh compared with 40,765,788 in the comparable period of 1958, a gain of 2,268,677 mwh or 5.6 per cent. Energy made available less the amount used in electric boilers rose 6.0 per cent to 38,565,680 mwh from 36,381,290.

Prepared in the Transportation and Public Utilities Section

8504-509-59

Electric Energy Made Available

May, 1959

	Canada	Newfoundland	Prince Edward Island	Nova Scotia
(Thousand kwh.)				
Net generation				
Utilities:				
Hydro .....	6,609,924	85,680	-	44,570
Thermal .....	378,153	215	5,307	71,185
Total .....	6,988,077	85,895	5,307	115,755
Industry:				
Hydro .....	1,586,097	30,594	-	2,775
Thermal .....	163,564	936	-	9,177
Total .....	1,749,661	31,530	-	11,952
Total net generation .....	8,737,738	117,425	5,307	127,707
Energy imported:				
From other provinces .....	xxx	-	-	-
From United States .....	72,116	-	-	-
Total .....	72,116	-	-	-
Energy exported:				
To other provinces .....	xxx	4,598	-	1,030
To United States - primary .....	109,749	-	-	-
secondary .....	494,909	-	-	-
Total .....	604,658	4,598	-	1,030
Energy made available in Canada <sup>1</sup> .....	8,205,196	112,827	5,307	126,677
Amount used in electric boilers .....	607,929	13,000	-	-
Energy made available less amount used in boilers .....	7,597,267	99,827	5,307	126,677

Cumulative totals, January - May, 1959

Net generation				
Utilities:				
Hydro .....	31,952,965	419,840	-	254,540
Thermal .....	2,398,572	11,061	28,340	362,399
Total .....	34,351,537	430,901	28,340	616,939
Industry:				
Hydro .....	7,821,792	135,605	-	15,157
Thermal .....	861,136	10,728	-	48,357
Total .....	8,682,928	146,333	-	63,514
Total net generation .....	43,034,465	577,234	28,340	680,453
Energy imported:				
From other provinces .....	xxx	-	-	-
From United States .....	250,281	-	-	-
Total .....	250,281	-	-	-
Energy exported:				
To other provinces .....	xxx	22,371	-	5,572
To United States - primary .....	514,640	-	-	-
secondary .....	1,357,554	-	-	-
Total .....	1,872,194	22,371	-	5,572
Energy made available in Canada <sup>1</sup> .....	41,412,552	554,863	28,340	674,881
Amount used in electric boilers .....	2,846,872	76,213	-	-
Energy made available less amount used in boilers .....	38,565,680	478,650	28,340	674,881

May, 1958

Total net generation .....	7,968,435	114,617	4,795	126,617
Total energy imported .....	22,656	-	-	-
Total energy exported .....	275,862	3,099	-	727
Total made available in Canada <sup>1</sup> .....	7,715,229	111,518	4,795	125,890
Used in electric boilers .....	511,374	11,855	-	-
Total made available less amount used in boilers .....	7,203,855	99,663	4,795	125,890

January - May, 1958

Total net generation .....	40,765,788	590,570	25,029	647,428
Total energy imported .....	95,599	-	-	-
Total energy exported .....	1,700,881	14,905	-	4,119
Total made available in Canada <sup>1</sup> .....	39,160,506	575,665	25,029	643,309
Used in electric boilers .....	2,779,216	71,049	-	-
Total made available less amount used in boilers .....	36,381,290	504,616	25,029	643,309

1. Includes interruptable and at will energy and energy used in electric boilers.

Electric Energy Made Available  
May, 1959

New Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Yukon and N.W.T.
(Thousand kwh.)							
96,375	2,676,142	2,846,465	286,595	43,179	54,501	468,631	7,786
6,648	29	2,192	4,427	110,079	164,466	12,936	669
103,023	2,676,171	2,848,657	291,022	153,258	218,967	481,567	8,455
8,293	938,111	113,939	3,205	1,786	-	483,184	4,210
30,418	16,819	44,673	-	5,754	19,409	36,378	-
38,711	954,930	158,612	3,205	7,540	19,409	519,562	4,210
141,734	3,631,101	3,007,269	294,227	160,798	238,376	1,001,129	12,665
2,285	21,198	325,029	46,248	652	3,477	3	-
2	41	70,923	-	-	-	1,150	-
2,287	21,239	395,952	46,248	652	3,477	1,153	-
-	326,284	17,292	236	45,556	419	3,477	-
3,720	43,513	62,407	3	-	-	106	-
13,805	2,907	477,136	-	-	-	1,061	-
17,525	372,704	556,835	239	45,556	419	4,644	-
126,496	3,279,636	2,846,386	340,236	115,894	241,434	997,638	12,665
481	486,021	65,033	36,150	-	-	5,410	1,834
126,015	2,793,615	2,781,353	304,086	115,894	241,434	992,228	10,831

Cumulative totals, January - May, 1959

319,582	13,711,858	12,697,802	1,508,331	235,537	322,102	2,442,291	41,082
155,606	18,044	255,467	28,829	598,798	859,723	77,305	3,000
475,188	13,729,902	12,953,269	1,537,160	834,335	1,181,825	2,519,596	44,082
21,703	4,547,714	577,448	16,304	8,832	-	2,481,397	17,632
173,646	80,158	240,905	11	30,490	98,952	177,889	-
195,349	4,627,872	818,353	16,315	39,322	98,952	2,659,286	17,632
670,537	18,357,774	13,771,622	1,553,475	873,657	1,280,777	5,178,882	61,714
9,740	44,997	2,255,985	259,929	3,569	12,194	1,586	-
376	245	243,748	-	-	-	5,912	-
10,116	45,242	2,499,733	259,929	3,569	12,194	7,498	-
-	2,260,152	34,732	1,292	247,823	3,864	12,194	-
13,228	200,858	300,042	14	-	-	498	-
44,740	16,692	1,291,313	-	-	-	4,809	-
57,968	2,477,702	1,626,087	1,306	247,823	3,864	17,501	-
622,685	15,925,314	14,645,268	1,812,098	629,403	1,289,107	5,168,879	61,714
837	2,285,180	247,711	180,940	-	-	46,246	9,745
621,848	13,640,134	14,397,557	1,631,158	629,403	1,289,107	5,122,633	51,969
131,862	3,702,287	2,298,816	258,553	150,015	198,970	970,375	11,528
1,997	4,234	546,323	49,386	181	586	1,074	-
15,296	568,522	218,751	441	48,430	50	1,671	-
118,563	3,137,999	2,626,388	307,498	101,766	199,506	969,778	11,528
543	446,145	20,250	26,578	-	-	3,183	2,820
118,020	2,691,854	2,606,138	280,920	101,766	199,506	966,595	8,705
623,914	18,359,970	12,361,495	1,480,696	794,341	1,069,001	4,762,695	50,649
10,661	20,862	2,589,637	256,766	1,090	3,173	9,674	-
58,564	2,681,137	1,432,061	41,989	254,666	1,480	8,224	-
576,011	15,699,695	13,519,071	1,695,473	540,765	1,070,694	4,764,145	58,649
1,396	2,285,231	119,425	244,794	-	-	46,502	10,819
574,615	13,414,464	13,399,646	1,450,679	540,765	1,070,694	4,717,643	39,830



Electric Energy Made Available

January - May, 1959

Month	Total net generation	Imports from United States	Exports to United States	Total made available in Canada	Total made available less amount produced for use in boilers	Daily Average	
						Total net generation	Total made available
(Thousand kwh.)							
January .....	*8,776,333	39,253	275,623	*8,539,963	*8,041,042	*283,108	*275,483
February .....	*8,096,593	40,254	247,452	*7,889,395	*7,396,838	*289,164	*281,764
March .....	*8,813,393	41,070	339,652	*8,514,811	*7,907,845	*284,303	*274,671
April .....	*8,610,408	57,588	*404,809	*8,263,187	*7,622,688	*287,014	*275,440
May .....	8,737,738	72,116	604,658	8,205,196	7,597,267	281,862	264,684
June .....							
July .....							
August .....							
September .....							
October .....							
November .....							
December .....							
Total .....							

Net generation, 1949-1959  
CANADA

Year and month	Utilities			Industry			Grand total
	Hydro	Thermal	Total	Hydro	Thermal	Total	
(Thousand kwh.)							
1949 .....	35,783,737	1,390,562	37,174,299	n.a.	n.a.	12,889,749	50,064,048
1950 .....	39,342,277	1,647,557	40,989,834	"	"	13,428,593	54,418,427
1951 .....	45,819,227	1,732,652	47,551,879	"	"	13,369,527	60,921,406
1952 .....	49,156,895	2,222,115	51,379,010	"	"	14,086,950	65,465,960
1953 .....	49,160,361	3,797,345	52,957,706	"	"	16,400,824	69,358,530
1954 .....	51,713,904	3,178,434	54,892,338	"	"	17,547,555	72,439,893
1955 .....	57,996,293	3,197,153	61,193,446	"	"	18,381,161	79,574,607
1956 .....	64,014,072	4,292,898	68,306,970	"	"	19,119,968	87,426,938
1957 .....	65,817,043	5,572,995	71,390,038	17,155,908	1,702,865	18,858,773	90,248,811
1958 - Total .....	70,838,966	4,690,734	75,529,700	19,409,459	1,804,558	21,214,017	96,743,717
January .....	6,294,539	437,663	6,732,202	1,699,573	132,663	1,832,236	8,564,438
February .....	5,688,336	427,520	6,115,856	1,541,393	138,529	1,679,922	7,795,778
March .....	6,217,035	388,804	6,605,839	1,725,354	155,504	1,880,858	8,486,697
April .....	5,811,395	328,608	6,140,003	1,661,061	149,376	1,810,437	7,950,440
May .....	5,832,160	335,807	6,167,967	1,644,054	156,414	1,800,468	7,968,435
June .....	5,473,119	304,447	5,777,566	1,541,104	147,571	1,688,675	7,466,241
July .....	5,633,549	314,498	5,948,047	1,576,529	141,527	1,718,056	7,666,103
August .....	5,524,523	370,450	5,894,973	1,533,121	150,440	1,683,561	7,578,534
September .....	5,437,419	456,152	5,893,571	1,571,962	151,425	1,723,387	7,616,958
October .....	6,112,363	413,432	6,525,795	1,659,406	159,154	1,818,560	8,344,355
November .....	6,289,767	399,863	6,689,630	1,614,899	159,266	1,774,165	8,463,795
December .....	6,524,761	513,490	7,038,251	1,641,003	162,689	1,803,692	8,841,943
1959							
January .....	6,411,494	*612,213	*7,023,707	1,573,003	179,623	1,752,626	*8,776,333
February .....	5,916,609	*543,236	*6,459,845	1,462,624	174,124	1,636,748	*8,096,593
March .....	6,511,897	*486,023	*6,997,920	1,634,633	180,840	1,815,473	*8,813,393
April .....	6,503,041	*378,947	*6,881,988	1,565,435	162,985	1,728,420	*8,610,408
May .....	6,609,924	378,153	6,988,077	1,586,097	163,564	1,749,661	8,737,738
June .....							
July .....							
August .....							
September .....							
October .....							
November .....							
December .....							

\* Revised.



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Net generation as defined for the purpose of this series means total output less the amount used in station service. The amount made available in Canada is arrived at by deducting exports to the United States from the sum total of net generation and imports. Energy produced for use in electric boilers, which is the only form of secondary consumption that can be isolated for all provinces, is deducted from energy made available in order to produce a figure more closely approximating primary consumption.

Total net generation of electric energy in Canada by firms which produce 10 million kilowatt hours or more per annum amounted to 8,288,989 megawatt hours in June 1959, an increase of 11.0 per cent over the 7,466,241 mwh. generated a year ago. Generation by utilities rose 13.0 per cent to 6,531,411 mwh. while the industrial total increased 4.1 per cent to 1,757,578 mwh.

Electric energy made available for use in Canada in June increased 8.3 per cent to 7,832,166 mwh. from 7,234,232 mwh. in 1958. Imports from the United States rose 1.8 per cent to 24,365 mwh. while exports increased 88.0 per cent to 481,188 mwh. Of the total made available, 449,536 mwh. were used in electric boilers as compared with 427,605 mwh. in June 1958. The amount shown as available for use in Canada after deducting energy used in electric boilers showed an increase of 8.5 per cent to 7,382,630 mwh. from 6,806,627 mwh.

Net generation in the first six months of the year totalled 51,324,046 mwh. compared with 48,232,029 mwh. in the comparable period of 1958, an increase of 3,092,017 mwh. or 6.4 per cent. Energy made available less the amount used in electric boilers also increased 6.4 per cent to 45,948,902 mwh. from 43,187,917 mwh.

Prepared in the Transportation and Public Utilities Section

8504-509-69

AUG 10 1959

UNIVERSITY OF TORONTO

Electric Energy Made Available

June, 1959.

	Canada	Newfoundland	Prince Edward Island	Nova Scotia
	(Thousand kwh.)			
Net generation				
Utilities:				
Hydro .....	6,196,139	71,138	-	51,252
Thermal .....	335,272	231	5,231	62,847
Total .....	6,531,411	71,369	5,231	114,099
Industry:				
Hydro .....	1,595,320	31,143	-	2,823
Thermal .....	162,258	968	-	8,855
Total .....	1,757,578	32,111	-	11,678
Total net generation .....	8,288,989	103,480	5,231	125,777
Energy imported:				
From other provinces .....	xxx	-	-	-
From United States .....	24,365	-	-	-
Total .....	24,365	-	-	-
Energy exported:				
To other provinces .....	xxx	3,353	-	1,050
To United States - primary .....	109,639	-	-	-
secondary .....	371,549	-	-	-
Total .....	481,188	3,353	-	1,050
Energy made available in Canada <sup>1</sup> .....	7,832,166	100,127	5,231	124,727
Amount used in electric boilers .....	449,536	5,317	-	-
Energy made available less amount used in boilers .....	7,382,630	94,810	5,231	124,727

Cumulative totals, January - June, 1959.

Net generation				
Utilities:				
Hydro .....	38,149,696	490,978	-	305,792
Thermal .....	2,733,844	11,292	33,571	425,246
Total .....	40,883,540	502,270	33,571	731,038
Industry:				
Hydro .....	9,417,112	166,748	-	17,980
Thermal .....	1,023,394	11,696	-	57,212
Total .....	10,440,506	178,444	-	75,192
Total net generation .....	51,324,046	680,714	33,571	806,230
Energy imported:				
From other provinces .....	xxx	-	-	-
From United States .....	274,646	-	-	-
Total .....	274,646	-	-	-
Energy exported:				
To other provinces .....	xxx	25,724	-	6,622
To United States - primary .....	624,279	-	-	-
secondary .....	1,729,103	-	-	-
Total .....	2,353,382	25,724	-	6,622
Energy made available in Canada <sup>1</sup> .....	49,245,310	654,990	33,571	799,608
Amount used in electric boilers .....	3,296,408	81,530	-	-
Energy made available less amount used in boilers .....	45,948,902	573,460	33,571	799,608

June, 1958

Total net generation .....	7,466,241	102,558	4,597	120,909
Total energy imported .....	23,940	-	-	-
Total energy exported .....	255,949	2,907	-	682
Total made available in Canada <sup>1</sup> .....	7,234,232	99,651	4,597	120,227
Amount used in electric boilers .....	427,605	9,391	-	-
Total made available less amount used in boilers .....	6,806,627	90,260	4,597	120,227

January - June, 1958.

Total net generation .....	48,232,029	693,128	29,626	768,337
Total energy imported .....	119,539	-	-	-
Total energy exported .....	1,956,830	17,812	-	4,801
Total made available in Canada <sup>1</sup> .....	46,394,738	675,316	29,626	763,536
Amount used in electric boilers .....	3,206,821	80,440	-	-
Total made available less amount used in boilers .....	43,187,917	594,876	29,626	763,536

1. Includes interruptable and at will energy and energy used in electric boilers.



Electric Energy Made Available  
June, 1959.

New Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Yukon and N.W.T.
(Thousand kwh.)							
88,927	2,503,314	2,649,975	263,863	45,317	78,935	435,489	7,929
9,706	43	7,335	-43	104,888	131,459	13,011	564
98,633	2,503,357	2,657,310	263,820	150,205	210,394	448,500	8,493
6,092	966,013	117,647	2,958	1,773	-	461,947	4,924
28,407	16,034	44,007	-	7,005	20,534	36,448	-
34,499	982,047	161,654	2,958	8,778	20,534	498,395	4,924
133,132	3,485,404	2,818,964	266,778	158,983	230,928	946,895	13,417
2,348	4,706	401,008	49,561	611	1,879	32	-
29	42	23,245	-	-	-	1,049	-
2,377	4,748	424,253	49,561	611	1,879	1,081	-
-	402,306	2,087	195	48,827	448	1,879	-
3,844	42,237	63,417	3	-	-	138	-
10,062	4,394	356,145	-	-	-	948	-
13,906	448,937	421,649	198	48,827	448	2,965	-
121,603	3,041,215	2,821,568	316,141	110,767	232,359	945,011	13,417
251	384,928	33,935	19,726	-	-	2,845	2,534
121,352	2,656,287	2,787,633	296,415	110,767	232,359	942,166	10,883

Cumulative totals, January - June, 1959.

408,509	16,215,764	15,347,777	1,772,194	280,854	401,037	2,877,780	49,011
165,312	18,087	262,802	28,786	703,686	991,182	90,316	3,564
573,821	16,233,851	15,610,579	1,800,980	984,540	1,392,219	2,968,096	52,575
27,795	5,513,727	695,095	19,262	10,605	-	2,943,344	22,556
202,053	96,192	284,912	11	37,495	119,486	214,337	-
229,848	5,609,919	980,007	19,273	48,100	119,486	3,157,681	22,556
803,669	21,843,770	16,590,586	1,820,253	1,032,640	1,511,705	6,125,777	75,131
12,088	49,703	2,657,585	309,490	4,180	14,073	1,618	-
405	287	266,993	-	-	-	6,961	-
12,493	49,990	2,924,578	309,490	4,180	14,073	8,579	-
-	2,663,050	36,819	1,487	296,650	4,312	14,073	-
17,072	243,095	363,459	17	-	-	636	-
54,802	21,086	1,647,458	-	-	-	5,757	-
71,874	2,927,231	2,047,736	1,504	296,650	4,312	20,466	-
744,288	18,966,529	17,467,428	2,128,239	740,170	1,521,466	6,113,890	75,131
1,088	2,670,108	281,646	200,666	-	-	49,091	12,279
743,200	16,296,421	17,185,782	1,927,573	740,170	1,521,466	6,064,799	62,852
124,769	3,453,066	2,153,211	220,749	141,959	192,579	939,971	11,873
1,923	3,961	520,096	47,229	184	479	1,299	-
14,106	542,250	199,275	186	45,838	48	1,888	-
112,586	2,914,777	2,474,032	267,792	96,305	193,010	939,382	11,873
498	386,295	25,238	276	-	-	3,861	2,046
112,088	2,528,482	2,448,794	267,516	96,305	193,010	935,521	9,827
748,683	21,813,036	14,514,706	1,701,445	936,300	1,261,580	5,702,666	62,522
12,584	24,823	3,109,733	303,995	1,274	3,652	10,973	-
72,670	3,223,387	1,631,336	42,175	300,504	1,528	10,112	-
688,597	18,614,472	15,993,103	1,963,265	637,070	1,263,704	5,703,527	62,522
1,894	2,671,526	144,663	245,070	-	-	50,363	12,865
686,703	15,942,946	15,848,440	1,718,195	637,070	1,263,704	5,653,164	49,657

Electric Energy Made Available

January - June, 1959

Month	Total net generation	Imports from United States	Exports to United States	Total made available in Canada	Total made available less amount produced for use in boilers	Daily Average	
						Total net generation	Total made available
(Thousand kwh.)							
January .....	8,776,333	39,253	275,623	8,539,963	8,041,042	283,108	275,483
February .....	8,096,593	40,254	247,452	7,889,395	7,396,838	289,164	281,764
March .....	8,813,393	41,070	339,652	8,514,811	7,907,845	284,303	274,671
April .....	8,610,408	57,588	404,809	8,263,187	7,622,688	287,014	275,440
May .....	*8,738,330	72,116	604,658	*8,205,788	*7,597,859	*281,881	*264,702
June .....	8,288,989	24,365	481,188	7,832,166	7,382,630	276,300	261,072
July .....							
August .....							
September .....							
October .....							
November .....							
December .....							
Total .....							

Net generation, 1949-1959  
CANADA

Year and month	Utilities			Industry			Grand total
	Hydro	Thermal	Total	Hydro	Thermal	Total	
(Thousand kwh.)							
1949 .....	35,783,737	1,390,562	37,174,299	n.a.	n.a.	12,889,749	50,064,048
1950 .....	39,342,277	1,647,557	40,989,834	"	"	13,428,593	54,418,427
1951 .....	45,819,227	1,732,652	47,551,879	"	"	13,369,527	60,921,406
1952 .....	49,156,895	2,222,115	51,379,010	"	"	14,086,950	65,465,960
1953 .....	49,160,361	3,797,345	52,957,706	"	"	16,400,824	69,358,530
1954 .....	51,713,904	3,178,434	54,892,338	"	"	17,547,555	72,439,893
1955 .....	57,996,293	3,197,153	61,193,446	"	"	18,381,161	79,574,607
1956 .....	64,014,072	4,292,898	68,306,970	"	"	19,119,968	87,426,938
1957 .....	65,817,043	5,572,995	71,390,038	17,155,908	1,702,865	18,858,773	90,248,811
1958 - Total .....	70,838,966	4,690,734	75,529,700	19,409,459	1,804,558	21,214,017	96,743,717
January .....	6,294,539	437,663	6,732,202	1,699,573	132,663	1,832,236	8,564,438
February .....	5,688,336	427,520	6,115,856	1,541,393	138,529	1,679,922	7,795,778
March .....	6,217,035	388,804	6,605,839	1,725,354	155,504	1,880,858	8,486,697
April .....	5,811,395	328,608	6,140,003	1,661,061	149,376	1,810,437	7,950,440
May .....	5,832,160	335,807	6,167,967	1,644,054	156,414	1,800,468	7,968,435
June .....	5,473,119	304,447	5,777,566	1,541,104	147,571	1,688,675	7,466,241
July .....	5,633,549	314,498	5,948,047	1,576,529	141,527	1,718,056	7,666,103
August .....	5,524,523	370,450	5,894,973	1,533,121	150,440	1,683,561	7,578,534
September .....	5,437,419	456,152	5,893,571	1,571,962	151,425	1,723,387	7,616,958
October .....	6,112,363	413,432	6,525,795	1,659,406	159,154	1,818,560	8,344,355
November .....	6,289,767	399,863	6,689,630	1,614,899	159,266	1,774,165	8,463,795
December .....	6,524,761	513,490	7,038,251	1,641,003	162,689	1,803,692	8,841,943
1959							
January .....	6,411,494	612,213	7,023,707	1,573,003	179,623	1,752,626	8,776,333
February .....	5,916,609	543,236	6,459,845	1,462,624	174,124	1,636,748	8,096,593
March .....	6,511,897	486,023	6,997,920	1,634,633	180,840	1,815,473	8,813,393
April .....	6,503,041	378,947	6,881,988	1,565,435	162,985	1,728,420	8,610,408
May .....	*6,610,516	378,153	*6,988,669	1,586,097	163,564	1,749,661	*8,738,330
June .....	6,196,139	335,272	6,531,411	1,595,320	162,258	1,757,578	8,288,989
July .....							
August .....							
September .....							
October .....							
November .....							
December .....							

\* Revised.





## DOMINION BUREAU OF STATISTICS

OTTAWA - CANADA

Published by Authority of the Hon. Gordon Churchill, Minister of Trade and Commerce

Vol. 27 No. 7

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## ELECTRIC POWER STATISTICS

July, 1959

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Although the revised series embraces both power produced for own use and power produced for sale it does not reflect the entire production of electric energy in Canada. In order to expedite collection and compilation of returns only firms which generate at least 10 million kilowatt hours per annum are asked to report monthly statistics. These firms, however, were found to have accounted for 99.1 per cent of total production in 1957.

Net generation as defined for the purpose of this series means total output less the amount used in station service. The amount made available in Canada is arrived at by deducting exports to the United States from the sum total of net generation and imports. Energy produced for use in electric boilers, which is the only form of secondary consumption that can be isolated for all provinces, is deducted from energy made available in order to produce a figure more closely approximating primary consumption.

Total net generation of electric energy in Canada by firms which produce 10 million kilowatt hours or more per annum amounted to 8,089,420 megawatt hours in July 1959, an increase of 5.5 per cent over the 7,666,103 mwh generated a year ago. Generation by utilities rose 6.6 per cent to 6,343,029 mwh while the industrial total increased 1.6 per cent to 1,746,391 mwh.

The amount of electric energy made available for use in Canada in July increased 6.0 per cent to 7,726,455 mwh from 7,289,732 mwh in 1958. Imports from the United States rose 153.7 per cent to 36,685 mwh while exports were up 2.3 per cent to 399,650 mwh. Electric energy used in electric boilers was down 7.0 per cent to 410,056 mwh from 440,925 in July 1958, with the result that the amount shown as available after deducting energy used in electric boilers recorded an increase of 6.8 per cent to 7,316,399 mwh from 6,848,807.

Net generation in the first seven months of the year totalled 59,414,323 mwh compared with 55,898,132 in the comparable period of 1958, a gain of 3,516,191 mwh or 6.3 per cent. Energy made available less the amount used in electric boilers rose 6.3 per cent to 53,266,158 mwh from 50,105,721.

Prepared in the Transportation and Public Utilities Section

8504-509-79



Electric Energy Made Available

July, 1959

	Canada	Newfoundland	Prince Edward Island	Nova Scotia
	(Thousand kwh.)			
Net generation				
Utilities:				
Hydro .....	6,003,112	80,031	-	52,398
Thermal .....	339,917	3,218	5,662	63,904
Total .....	6,343,029	83,249	5,662	116,302
Industry:				
Hydro .....	1,594,731	31,344	-	3,553
Thermal .....	151,660	993	-	9,397
Total .....	1,746,391	32,337	-	12,950
Total net generation .....	8,089,420	115,586	5,662	129,252
Energy imported:				
From other provinces .....	xxx	-	-	-
From United States .....	36,685	-	-	-
Total .....	36,685	-	-	-
Energy exported:				
To other provinces .....	xxx	3,923	-	1,054
To United States - primary .....	110,668	-	-	-
secondary .....	288,982	-	-	-
Total .....	399,650	3,923	-	1,054
Energy made available in Canada <sup>1</sup> .....	7,726,455	111,663	5,662	128,198
Amount used in electric boilers .....	410,056	10,431	-	-
Energy made available less amount used in boilers .....	7,316,399	101,232	5,662	128,198

Cumulative totals, January - July, 1959

Net generation				
Utilities:				
Hydro .....	44,152,808	571,009	-	358,190
Thermal .....	3,073,964	14,510	39,233	489,150
Total .....	47,226,772	585,519	39,233	847,340
Industry:				
Hydro .....	11,010,880	197,129	-	21,533
Thermal .....	1,176,671	12,689	-	66,609
Total .....	12,187,551	209,818	-	88,142
Total net generation .....	59,414,323	795,337	39,233	935,482
Energy imported:				
From other provinces .....	xxx	-	-	-
From United States .....	311,331	-	-	-
Total .....	311,331	-	-	-
Energy exported:				
To other provinces .....	xxx	29,647	-	7,676
To United States - primary .....	734,947	-	-	-
secondary .....	2,018,085	-	-	-
Total .....	2,753,032	29,647	-	7,676
Energy made available in Canada <sup>1</sup> .....	56,972,622	765,690	39,233	927,806
Amount used in electric boilers .....	3,706,464	91,961	-	-
Energy made available less amount used in boilers .....	53,266,158	673,729	39,233	927,806
Total net generation .....	7,666,103	110,530	4,941	121,062
Total energy imported .....	14,460	-	-	-
Total energy exported .....	390,831	3,230	-	714
Total made available in Canada <sup>1</sup> .....	7,289,732	107,300	4,941	120,348
Amount used in electric boilers .....	440,925	14,955	-	-
Total made available less amount used in boilers .....	6,848,807	92,345	4,941	120,348
Total net generation .....	55,898,132	803,658	34,567	889,399
Total energy imported .....	133,999	-	-	-
Total energy exported .....	2,347,661	21,042	-	5,515
Total made available in Canada <sup>1</sup> .....	53,684,470	782,616	34,567	883,884
Amount used in electric boilers .....	3,578,749	95,395	-	-
Total made available less amount used in boilers .....	50,105,721	687,221	34,567	883,884

1. Includes interruptable and at will energy and energy used in electric boilers.

Electric Energy Made Available

July, 1959

New Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Yukon and N.W.T.
(Thousand kwh.)							
72,843	2,482,114	2,509,543	260,265	45,503	92,006	400,434	7,975
24,182	106	5,715	-42	105,352	117,737	13,420	663
97,025	2,482,220	2,515,258	260,223	150,855	209,743	413,854	8,638
3,037	971,010	106,651	2,849	1,814	-	469,371	5,102
30,304	14,408	47,809	-	6,664	14,458	27,627	-
33,341	985,418	154,460	2,849	8,478	14,458	496,998	5,102
130,366	3,467,638	2,669,718	263,072	159,333	224,201	910,852	13,740
2,359	5,363	391,689	49,680	564	1,694	76	-
72	35	35,611	-	-	-	967	-
2,431	5,398	427,300	49,680	564	1,694	1,043	-
-	392,994	1,981	227	49,139	413	1,694	-
3,019	45,267	62,175	3	-	-	204	-
7,561	6,198	274,296	-	-	-	927	-
10,580	444,459	338,452	230	49,139	413	2,825	-
122,217	3,028,577	2,758,566	312,522	110,758	225,482	909,070	13,740
85	352,031	25,939	17,581	-	-	1,290	2,699
122,132	2,676,546	2,732,627	294,941	110,758	225,482	907,780	11,041

Cumulative totals, January - July, 1959

481,352	18,697,878	17,857,320	2,032,459	326,357	493,043	3,278,214	56,986
189,494	18,193	268,517	28,744	809,038	1,109,122	103,736	4,227
670,846	18,716,071	18,125,837	2,061,203	1,135,395	1,602,165	3,381,950	61,213
30,832	6,484,737	801,746	22,111	12,419	-	3,412,715	27,658
232,357	110,600	332,721	11	44,159	133,944	243,581	-
263,189	6,595,337	1,134,467	22,122	56,578	133,944	3,656,296	27,658
934,035	25,311,408	19,260,304	2,083,325	1,191,973	1,736,109	7,038,246	88,871
14,447	55,066	3,049,274	359,170	4,668	15,767	1,694	-
477	322	302,604	-	-	-	7,928	-
14,924	55,388	3,351,878	359,170	4,668	15,767	9,622	-
-	3,056,044	38,800	1,714	345,789	4,649	15,767	-
20,091	288,362	425,634	20	-	-	840	-
62,363	27,284	1,921,754	-	-	-	6,684	-
82,454	3,371,690	2,386,188	1,734	345,789	4,649	23,291	-
866,505	21,995,106	20,225,994	2,440,761	850,852	1,747,227	7,024,577	88,871
1,173	3,022,139	307,585	218,247	-	-	50,381	14,978
865,332	18,972,967	19,918,409	2,222,514	850,852	1,747,227	6,974,196	73,893
126,723	3,492,154	2,288,842	236,910	144,420	199,373	929,488	11,660
2,017	4,335	522,804	45,174	160	501	1,116	-
12,797	557,299	332,214	162	44,481	39	1,542	-
115,943	2,939,190	2,479,432	281,922	100,099	199,835	929,062	11,660
527	376,534	24,323	16,029	-	-	6,396	2,161
115,416	2,562,656	2,455,109	265,893	100,099	199,835	922,666	9,499
875,406	25,305,190	16,803,548	1,938,355	1,080,720	1,460,953	6,632,154	74,182
14,601	29,158	3,632,537	349,169	1,434	4,153	12,089	-
85,467	3,780,686	1,963,550	42,337	344,985	1,567	11,654	-
804,540	21,553,662	18,472,535	2,245,187	737,169	1,463,539	6,632,589	74,182
2,421	3,048,060	168,986	192,102	-	-	56,759	15,026
802,119	18,505,602	18,303,549	2,053,085	737,169	1,463,539	6,575,830	59,156

Electric Energy Made Available

January - July, 1959

Month	Total net generation	Imports from United States	Exports to United States	Total made available in Canada	Total made available less amount used in boilers	Daily Average	
						Total net generation	Total made available
(Thousand kwh.)							
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March .....	8,813,393	41,070	339,652	8,514,811	7,907,845	284,303	274,671
April .....	8,610,408	57,588	404,809	8,263,187	7,622,688	287,014	275,440
May .....	8,738,330	72,116	604,658	8,205,788	7,597,859	281,881	264,702
June .....	* 8,289,846	24,365	481,188	* 7,833,023	* 7,383,487	* 276,328	* 261,101
July .....	8,089,420	36,685	399,650	7,726,455	7,316,399	260,949	249,240
August .....							
September .....							
October .....							
November .....							
December .....							
Total .....							

Net generation, 1949-1959  
CANADA

Year and month	Utilities			Industry			Grand total
	Hydro	Thermal	Total	Hydro	Thermal	Total	
	(Thousand kwh.)						
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1951 .....	45,819,227	1,732,652	47,551,879	"	"	13,369,527	60,921,406
1952 .....	49,156,895	2,222,115	51,379,010	"	"	14,086,950	65,465,960
1953 .....	49,160,361	3,797,345	52,957,706	"	"	16,400,824	69,358,530
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July .....	5,633,549	314,498	5,948,047	1,576,529	141,527	1,718,056	7,666,103
August .....	5,524,523	370,450	5,894,973	1,533,121	150,440	1,683,561	7,578,534
September .....	5,437,419	456,152	5,893,571	1,571,962	151,425	1,723,387	7,616,958
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April .....	6,503,041	378,947	6,881,988	1,565,435	162,985	1,728,420	8,510,408
May .....	6,610,516	378,153	6,988,669	1,586,097	163,564	1,749,661	8,738,330
June .....	6,196,139	* 335,475	* 6,531,614	* 1,594,357	* 163,875	* 1,758,232	* 8,289,846
July .....	6,003,112	339,917	6,343,029	1,594,731	151,660	1,746,391	8,089,420
August .....							
September .....							
October .....							
November .....							
December .....							

\* Revised.





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OCT 8 1959

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UNIVERSITY OF TORONTO

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Net generation as defined for the purpose of this series means total output less the amount used in station service. The amount made available in Canada is arrived at by deducting exports to the United States from the sum total of net generation and imports. Energy produced for use in electric boilers, which is the only form of secondary consumption that can be isolated for all provinces, is deducted from energy made available in order to produce a figure more closely approximating primary consumption.

Total net generation of electric energy in Canada by firms which produce 10 million kilowatt hours or more per annum amounted to 8,108,108 megawatt hours in August 1959, an increase of 6.9 per cent over the 7,578,534 mwh generated a year ago. Generation by utilities rose 7.9 per cent to 6,364,122 mwh while the industrial total increased 3.6 per cent to 1,743,986 mwh.

The amount of electric energy made available for use in Canada in August increased 7.9 per cent to 7,827,449 mwh from 7,253,163 mwh in 1958. Imports from the United States rose to 52,647 mwh from 15,410 while exports were down 2.2 per cent to 333,306 mwh. Electric energy used in electric boilers was down 1.6 per cent to 408,379 mwh from 414,944 in August 1958, with the result that the amount shown as available after deducting energy used in electric boilers recorded an increase of 8.5 per cent to 7,419,070 mwh from 6,838,219.

Net generation in the first eight months of the year totalled 67,517,950 mwh compared with 63,476,666 in the comparable period of 1958, a gain of 4,041,284 mwh or 6.4 per cent. Energy made available less the amount used in electric boilers rose 6.6 per cent to 60,680,747 mwh from 56,943,940.

Prepared in the Transportation and Public Utilities Section

8504-509-89

Electric Energy Made Available

August, 1959

	Canada	Newfoundland	Prince Edward Island	Nova Scotia
(Thousand kwh.)				
Net generation				
Utilities:				
Hydro .....	5,969,403	75,045	-	44,150
Thermal .....	394,719	3,120	5,867	70,801
Total .....	6,364,122	78,165	5,867	114,951
Industry:				
Hydro .....	1,583,467	30,847	-	3,301
Thermal .....	160,519	942	-	9,268
Total .....	1,743,986	31,789	-	12,569
Total net generation .....	8,108,108	109,954	5,867	127,520
Energy imported:				
From other provinces .....	xxx	-	-	-
From United States .....	52,647	-	-	-
Total .....	52,647	-	-	-
Energy exported:				
To other provinces .....	xxx	3,828	-	1,080
To United States - primary .....	105,770	-	-	-
secondary .....	227,536	-	-	-
Total .....	333,306	3,828	-	1,080
Energy made available in Canada <sup>1</sup> .....	7,827,449	106,126	5,867	126,440
Amount used in electric boilers .....	408,379	3,872	-	-
Energy made available less amount used in boilers .....	7,419,070	102,254	5,867	126,440

Cumulative totals, January - August, 1959

Net generation				
Utilities:				
Hydro .....	50,122,211	646,054	-	402,340
Thermal .....	3,469,430	17,630	45,100	559,951
Total .....	53,591,641	663,684	45,100	962,291
Industry:				
Hydro .....	12,594,347	227,976	-	24,834
Thermal .....	1,331,962	13,631	-	75,877
Total .....	13,926,309	241,607	-	100,711
Total net generation .....	67,517,950	905,291	45,100	1,063,002
Energy imported:				
From other provinces .....	xxx	-	-	-
From United States .....	363,978	-	-	-
Total .....	363,978	-	-	-
Energy exported:				
To other provinces .....	xxx	33,475	-	8,756
To United States - primary .....	840,717	-	-	-
secondary .....	2,245,621	-	-	-
Total .....	3,086,338	33,475	-	8,756
Energy made available in Canada <sup>1</sup> .....	64,795,590	871,816	45,100	1,054,246
Amount used in electric boilers .....	4,114,843	95,833	-	-
Energy made available less amount used in boilers .....	60,680,747	775,983	45,100	1,054,246
August, 1958				
Total net generation .....	7,578,534	109,996	5,182	119,848
Total energy imported .....	15,410	-	-	-
Total energy exported .....	340,781	3,170	-	696
Total made available in Canada <sup>1</sup> .....	7,253,163	106,826	5,182	119,152
Amount used in electric boilers .....	414,944	12,945	-	-
Total made available less amount used in boilers .....	6,838,219	93,881	5,182	119,152
January - August, 1958				
Total net generation .....	63,476,666	913,654	39,749	1,009,247
Total energy imported .....	149,409	-	-	-
Total energy exported .....	2,688,442	24,212	-	6,211
Total made available in Canada <sup>1</sup> .....	60,937,633	889,442	39,749	1,003,036
Amount used in electric boilers .....	3,993,693	108,340	-	-
Total made available less amount used in boilers .....	56,943,940	781,102	39,749	1,003,036

1. Includes interruptable and at will energy and energy used in electric boilers.

Electric Energy Made Available

August, 1959

New Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Yukon and N.W.T.
(Thousand kwh.)							
71,765	2,577,670	2,378,522	257,546	46,599	70,764	439,529	7,813
25,293	86	18,333	1,830	110,967	144,157	13,618	647
97,058	2,577,756	2,396,855	259,376	157,566	214,921	453,147	8,460
2,506	970,485	101,235	3,197	1,814	-	465,209	4,873
36,657	16,924	46,092	-	6,479	19,683	24,474	-
39,163	987,409	147,327	3,197	8,293	19,683	489,683	4,873
136,221	3,565,165	2,544,182	262,573	165,859	234,604	942,830	13,333
2,385	5,061	453,268	51,681	567	3,077	24	-
69	32	51,357	-	-	-	1,189	-
2,454	5,093	504,625	51,681	567	3,077	1,213	-
-	454,573	2,864	208	50,050	383	3,077	-
3,642	41,938	59,973	3	-	-	214	-
8,503	6,027	211,918	-	-	-	1,088	-
12,145	502,538	274,755	211	50,050	383	4,389	-
126,530	3,067,720	2,774,052	314,043	116,376	237,298	939,664	13,333
-	359,866	26,369	15,724	-	-	1,260	1,288
126,530	2,707,854	2,747,683	298,319	116,376	237,298	938,404	12,045

Cumulative totals, January - August, 1959

553,117	21,275,548	20,235,842	2,290,005	372,956	563,807	3,717,743	64,799
214,787	18,279	286,850	30,574	920,005	1,254,026	117,354	4,874
767,904	21,293,827	20,522,692	2,320,579	1,292,961	1,817,833	3,835,097	69,673
33,338	7,455,222	902,981	25,308	14,233	-	3,877,924	32,531
269,014	127,524	378,813	11	50,638	153,627	262,827	-
302,352	7,582,746	1,281,794	25,319	64,871	153,627	4,140,751	32,531
1,070,256	28,876,573	21,804,486	2,345,898	1,357,832	1,971,460	7,975,848	102,204
16,832	60,127	3,502,542	410,851	5,235	18,844	1,718	-
546	354	353,961	-	-	-	9,117	-
17,378	60,481	3,856,503	410,851	5,235	18,844	10,835	-
-	3,510,617	41,664	1,922	395,839	5,032	18,844	-
23,733	330,300	485,607	23	-	-	1,054	-
70,866	33,311	2,133,672	-	-	-	7,772	-
94,599	3,874,228	2,660,943	1,945	395,839	5,032	27,670	-
993,035	25,062,826	23,000,046	2,754,804	967,228	1,985,272	7,959,013	102,204
1,173	3,382,005	333,954	233,971	-	-	51,641	16,266
991,862	21,680,821	22,666,092	2,520,833	967,228	1,985,272	7,907,372	85,938
128,196	3,436,330	2,235,264	224,006	148,918	203,002	955,714	12,078
1,948	4,306	503,472	48,957	165	3,421	955	-
12,676	527,845	293,194	168	46,468	10	4,368	-
117,468	2,912,791	2,445,542	272,795	102,615	206,413	952,301	12,078
32	362,892	31,238	2,786	-	-	2,813	2,238
117,436	2,549,899	2,414,304	270,009	102,615	206,413	949,488	9,840
003,602	28,741,520	19,038,812	2,162,361	1,229,638	1,663,955	7,587,868	86,260
16,549	33,464	4,136,009	398,126	1,599	7,574	13,044	-
98,143	4,308,531	2,256,744	42,505	391,453	1,577	16,020	-
922,008	24,466,453	20,918,077	2,517,982	839,784	1,669,952	7,584,390	86,260
2,453	3,410,952	200,224	194,888	-	-	59,572	17,264
919,555	21,055,501	20,717,853	2,323,094	839,784	1,669,952	7,525,318	68,996



Electric Energy Made Available

January - August, 1959

Month	Total net generation	Imports from United States	Exports to United States	Total made available in Canada	Total made available less amount produced for use in boilers	Daily Average	
						Total net generation	Total made available
(Thousand kwh.)							
January .....	8,776,333	39,253	275,623	8,539,963	8,041,042	283,108	275,483
February .....	8,096,593	40,254	247,452	7,889,395	7,396,838	289,164	281,764
March .....	8,813,393	41,070	339,652	8,514,811	7,907,845	284,303	274,671
April .....	8,610,408	57,588	404,809	8,263,187	7,622,688	287,014	275,440
May .....	8,738,330	72,116	604,658	8,205,788	7,597,859	281,881	264,702
June .....	8,289,846	24,365	481,188	7,833,023	7,383,487	276,328	261,101
July .....	*8,084,939	36,685	399,650	*7,721,974	*7,311,918	*260,804	*249,095
August .....	8,108,108	52,647	333,306	7,827,449	7,419,070	261,551	252,498
September .....							
October .....							
November .....							
December .....							
Total .....							

Net generation, 1949-1959  
CANADA

Year and month	Utilities			Industry			Grand total
	Hydro	Thermal	Total	Hydro	Thermal	Total	
(Thousand kwh.)							
1949 .....	35,783,737	1,390,562	37,174,299	n.a.	n.a.	12,889,749	50,064,048
1950 .....	39,342,277	1,647,557	40,989,834	"	"	13,428,593	54,418,427
1951 .....	45,819,227	1,732,652	47,551,879	"	"	13,369,527	60,921,406
1952 .....	49,156,895	2,222,115	51,379,010	"	"	14,086,950	65,465,960
1953 .....	49,160,361	3,797,345	52,957,706	"	"	16,400,824	69,358,530
1954 .....	51,713,904	3,178,434	54,892,338	"	"	17,547,555	72,439,893
1955 .....	57,996,293	3,197,153	61,193,446	"	"	18,381,161	79,574,607
1956 .....	64,014,072	4,292,898	68,306,970	"	"	19,119,968	87,426,938
1957 .....	65,817,043	5,572,995	71,390,038	17,155,908	1,702,865	18,858,773	90,248,811
1958 - Total .....	70,838,966	4,690,734	75,529,700	19,409,459	1,804,558	21,214,017	96,743,717
January .....	6,294,539	437,663	6,732,202	1,699,573	132,663	1,832,236	8,564,438
February .....	5,688,336	427,520	6,115,856	1,541,393	138,529	1,679,922	7,795,778
March .....	6,217,035	388,804	6,605,839	1,725,354	155,504	1,880,858	8,486,697
April .....	5,811,395	328,608	6,140,003	1,661,061	149,376	1,810,437	7,950,440
May .....	5,832,160	335,807	6,167,967	1,644,054	156,414	1,800,468	7,968,433
June .....	5,473,119	304,447	5,777,566	1,541,104	147,571	1,688,675	7,466,240
July .....	5,633,549	314,498	5,948,047	1,576,529	141,527	1,718,056	7,666,106
August .....	5,524,523	370,450	5,894,973	1,533,121	150,440	1,683,561	7,578,534
September .....	5,437,419	456,152	5,893,571	1,571,962	151,425	1,723,387	7,616,958
October .....	6,112,363	413,432	6,525,795	1,659,406	159,154	1,818,560	8,344,355
November .....	6,289,767	399,863	6,689,630	1,614,899	159,266	1,774,165	8,463,791
December .....	6,524,761	513,490	7,038,251	1,641,003	162,689	1,803,692	8,841,946
1959							
January .....	6,411,494	612,213	7,023,707	1,573,003	179,623	1,752,626	8,776,332
February .....	5,916,609	543,236	6,459,845	1,462,624	174,124	1,636,748	8,096,593
March .....	6,511,897	486,023	6,997,920	1,634,633	180,840	1,815,473	8,813,393
April .....	6,503,041	378,947	6,881,988	1,565,435	162,985	1,728,420	8,610,408
May .....	6,610,516	378,153	6,988,669	1,586,097	163,564	1,749,661	8,738,330
June .....	6,196,139	335,475	6,531,614	1,594,357	163,875	1,758,232	8,289,846
July .....	6,003,112	*340,664	*6,343,776	1,594,731	*146,432	*1,741,163	*8,084,939
August .....	5,969,403	394,719	6,364,122	1,583,467	160,519	1,743,986	8,108,108
September .....							
October .....							
November .....							
December .....							

\* Revised.



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## ELECTRIC POWER STATISTICS

September, 1959

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Net generation as defined for the purpose of this series means total output less the amount used in station service. The amount made available in Canada is arrived at by deducting exports to the United States from the sum total of net generation and imports. Energy produced for use in electric boilers, which is the only form of secondary consumption that can be isolated for all provinces, is deducted from energy made available in order to produce a figure more closely approximating primary consumption.

Total net generation of electric energy in Canada by firms which produce 10 million kilowatt hours or more per annum amounted to 8,213,269 megawatt hours in September 1959, an increase of 7.8 per cent over the 7,616,958 mwh generated a year ago. Generation by utilities rose 10.5 per cent to 6,514,741 mwh while the industrial total decreased 1.5 per cent to 1,698,528 mwh.

The amount of electric energy made available for use in Canada in September increased 8.3 per cent to 7,944,523 mwh from 7,336,163 mwh in 1958. Imports from the United States rose 27,204 mwh to 55,014 from 27,810 while exports were up only 15,155 mwh to 323,760 mwh. Since energy used in electric boilers declined 4.5 per cent to 403,287 mwh from 422,412 in September 1958, the amount available after deducting energy used in electric boilers increased 9.1 per cent to 7,541,236 mwh from 6,913,751.

Net generation in the first <sup>77,212</sup> ~~eight~~ months of the year totalled 77,630,710 mwh compared with 71,093,624 in the comparable period of 1958, a rise of 9.2 per cent. Energy made available less the amount used in electric boilers rose 11.3 per cent to 71,121,474 mwh from 63,913,751.

Prepared in the Transportation and Public Utilities Section

8504-509-99

Electric Energy Made Available

September 1959

	Canada	Newfoundland	Prince Edward Island	Nova Scotia
	(Thousand kwh.)			
Net generation				
Utilities:				
Hydro .....	6,085,150	74,909	-	46,073
Thermal .....	429,591	3,067	5,696	73,982
Total .....	6,514,741	77,976	5,696	120,055
Industry:				
Hydro .....	1,534,875	29,729	-	3,218
Thermal .....	163,653	939	-	9,186
Total .....	1,698,528	30,668	-	12,404
Total net generation .....	8,213,269	108,644	5,696	132,459
Energy imported:				
From other provinces .....	xxx	-	-	-
From United States .....	55,014	-	-	-
Total .....	55,014	-	-	-
Energy exported:				
To other provinces .....	xxx	3,828	-	1,128
To United States - primary .....	98,148	-	-	-
secondary .....	225,612	-	-	-
Total .....	323,760	3,828	-	1,128
Energy made available in Canada <sup>1</sup> .....	7,944,523	104,816	5,696	131,331
Amount used in electric boilers .....	403,287	153	-	-
Energy made available less amount produced for boilers ...	7,541,236	104,663	5,696	131,331

Cumulative totals, January - September 1959

Net generation				
Utilities:				
Hydro .....	56,207,261	720,963	-	448,413
Thermal .....	3,899,112	20,697	50,796	633,933
Total .....	60,106,373	741,660	50,796	1,082,346
Industry:				
Hydro .....	13,129,222	257,705	-	28,052
Thermal .....	4,495,115	14,570	-	85,063
Total .....	17,624,337	272,275	-	113,115
Total net generation .....	77,630,710	1,013,935	50,796	1,195,461
Energy imported:				
From other provinces .....	xxx	-	-	-
From United States .....	418,992	-	-	-
Total .....	418,992	-	-	-
Energy exported:				
To other provinces .....	xxx	37,303	-	8,756
To United States - primary .....	938,865	-	-	-
secondary .....	2,471,233	-	-	-
Total .....	2,410,098	37,303	-	8,756
Energy made available in Canada <sup>1</sup> .....	75,639,604	976,632	50,796	1,186,705
Amount used in electric boilers .....	4,518,130	95,986	-	-
Energy made available less amount produced for boilers ...	71,121,474	880,646	50,796	1,186,705

September 1958

Total net generation .....	7,616,958	104,422	5,028	125,586
Total energy imported .....	27,810	-	-	-
Total energy exported .....	308,605	3,676	-	793
Total made available in Canada <sup>1</sup> .....	7,336,163	100,746	5,028	124,793
Amount used in electric boilers .....	422,412	7,908	-	-
Total made available less amount produced for boilers ....	6,913,751	92,838	5,028	124,793

January - September 1958

Total net generation .....	71,093,624	1,018,076	44,777	1,134,833
Total energy imported .....	177,219	-	-	-
Total energy exported .....	2,997,047	27,888	-	7,004
Total made available in Canada <sup>1</sup> .....	68,329,856	990,188	44,777	1,127,829
Amount used in electric boilers .....	4,416,105	116,248	-	-
Total made available less amount produced for boilers ....	63,913,751	873,940	44,777	1,127,829

1. Includes interruptable and at will energy and energy used in electric boilers.



Electric Energy Made Available

September 1959

New Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Yukon and N.W.T.
(Thousand kwh.)							
74,860	2,679,427	2,367,039	274,562	44,303	53,157	462,663	8,157
23,106	29	21,404	2,007	115,266	170,126	14,195	713
97,966	2,679,456	2,388,443	276,569	159,569	223,283	476,858	8,870
2,776	915,945	111,022	3,139	1,322	-	463,536	4,188
35,958	16,459	45,256	7	7,250	22,445	26,153	-
38,734	932,404	156,278	3,146	8,572	22,445	489,689	4,188
136,700	3,611,860	2,544,721	229,715	168,141	245,728	966,547	13,058
2,397	5,047	480,381	54,783	619	4,086	1	-
37	36	53,760	-	-	-	1,181	-
2,434	5,083	434,141	54,783	619	4,086	1,182	-
-	481,650	8,377	254	47,625	366	4,086	-
2,922	40,740	54,362	-	-	-	120	-
9,164	7,178	208,128	-	-	-	1,142	-
12,086	529,568	270,867	254	47,625	366	5,348	-
127,048	3,087,375	2,707,995	284,244	121,135	249,448	962,381	13,058
-	337,242	26,007	33,397	-	-	3,823	2,666
127,048	2,750,133	2,681,988	250,847	121,135	249,448	958,558	10,392

Cumulative totals, January - September 1959

627,977	23,954,975	22,602,881	2,564,567	417,259	616,964	4,180,406	72,956
237,893	18,308	308,254	32,581	1,035,271	1,424,152	131,549	5,587
865,870	23,973,283	22,911,135	2,597,148	1,452,530	2,041,116	4,311,955	78,543
36,114	8,371,167	1,014,003	28,447	15,555	-	4,341,460	86,719
304,972	143,983	424,069	18	57,888	176,072	288,480	-
341,086	8,515,150	1,438,072	28,465	73,443	176,072	4,629,940	85,719
1,206,956	32,488,433	24,349,207	2,635,613	1,525,973	2,217,188	8,911,895	115,262
19,229	65,174	3,982,923	465,634	5,854	22,930	1,719	-
583	394	407,721	-	-	-	10,298	-
19,812	65,568	4,390,644	465,634	5,854	22,930	12,017	-
-	3,992,267	50,041	2,176	443,464	5,398	22,930	-
26,655	371,040	539,969	23	-	-	1,174	-
80,030	40,489	2,341,800	-	-	-	8,914	-
106,685	4,403,796	2,931,810	2,199	443,464	5,398	33,018	-
120,083	28,151,205	25,808,041	3,099,048	1,088,363	2,234,720	8,890,894	115,262
1,173	3,719,247	359,961	267,368	-	-	55,464	20,190
118,910	24,431,958	25,448,080	2,831,680	1,088,363	2,234,720	8,835,430	95,072
125,784	3,409,318	2,301,445	219,450	150,311	209,017	954,604	11,993
2,164	4,762	504,949	60,828	206	3,115	962	-
12,890	525,135	265,501	209	45,383	30	4,164	-
115,058	2,888,945	2,540,893	280,069	105,134	212,102	951,402	11,993
-	373,694	32,350	976	-	-	4,897	2,587
115,058	2,515,251	2,508,543	279,093	105,134	212,102	946,505	9,406
129,386	32,150,838	21,340,257	2,381,811	1,379,949	1,872,972	8,542,472	115,262
18,713	38,226	4,640,958	458,954	1,805	10,689	14,006	-
111,033	4,833,666	2,522,245	42,714	436,836	1,607	20,186	-
037,066	27,355,398	21,198,146	2,798,051	944,918	1,882,054	8,536,292	98,253
2,453	3,443,302	232,574	195,864	-	-	64,469	19,851
034,613	23,912,096	20,965,572	2,602,187	944,918	1,882,054	8,471,823	78,402

Electric Energy Made Available  
January - September, 1959

Month	Total net generation	Imports from United States	Exports to United States	Total made available in Canada	Total made available less amount used in boilers	Daily Average	
						Total net generation	Total made available
(Thousand kwh.)							
January .....	8,776,333	39,253	275,623	8,539,963	8,041,042	283,108	275,483
February .....	8,096,593	40,254	247,452	7,889,395	7,396,838	289,164	281,764
March .....	8,813,393	41,070	339,652	8,514,811	7,907,845	284,303	274,677
April .....	8,610,408	57,588	404,809	8,263,187	7,622,688	287,014	275,440
May .....	8,738,330	72,116	604,658	8,205,788	7,597,859	281,881	264,707
June .....	8,289,846	24,365	481,188	7,833,023	7,383,487	276,328	261,103
July .....	8,084,939	36,685	399,650	7,721,974	7,311,918	260,804	249,097
August .....	* 8,107,608	52,647	333,306	* 7,826,949	* 7,417,312	* 270,254	* 260,861
September .....	8,213,269	55,014	323,760	7,944,523	7,541,236	273,776	264,811
October .....							
November .....							
December .....							
Total .....							

Net generation, 1949-1959  
CANADA

Year and month	Utilities			Industry			Grand total
	Hydro	Thermal	Total	Hydro	Thermal	Total	
(Thousand kwh.)							
1949 .....	35,783,737	1,390,562	37,174,299	n.a.	n.a.	12,889,749	50,064,048
1950 .....	39,342,277	1,647,557	40,989,834	"	"	13,428,593	54,418,427
1951 .....	45,819,227	1,732,652	47,551,879	"	"	13,369,527	60,921,406
1952 .....	49,156,895	2,222,115	51,379,010	"	"	14,086,950	65,465,960
1953 .....	49,160,361	3,797,345	52,957,706	"	"	16,400,824	69,358,530
1954 .....	51,713,904	3,178,434	54,892,338	"	"	17,547,555	72,439,893
1955 .....	57,996,293	3,197,153	61,193,446	"	"	18,381,161	79,574,607
1956 .....	64,014,072	4,292,898	68,306,970	"	"	19,119,968	87,426,938
1957 .....	65,817,043	5,572,995	71,390,038	17,155,908	1,702,865	18,858,773	90,248,811
1958 - Total .....	70,838,966	4,690,734	75,529,700	19,409,459	1,804,558	21,214,017	96,743,717
January .....	6,294,539	437,663	6,732,202	1,699,573	132,663	1,832,236	8,564,438
February .....	5,688,336	427,520	6,115,856	1,541,393	138,529	1,679,922	7,795,778
March .....	6,217,035	388,804	6,605,839	1,725,354	155,504	1,880,858	8,486,697
April .....	5,811,395	328,608	6,140,003	1,661,061	149,376	1,810,437	7,950,440
May .....	5,832,160	335,807	6,167,967	1,644,054	156,414	1,800,468	7,968,435
June .....	5,473,119	304,447	5,777,566	1,541,104	147,571	1,688,675	7,466,241
July .....	5,633,549	314,498	5,948,047	1,576,529	141,527	1,718,056	7,666,103
August .....	5,524,523	370,450	5,894,973	1,533,121	150,440	1,683,561	7,578,534
September .....	5,437,419	456,152	5,893,571	1,571,962	151,425	1,723,387	7,616,958
October .....	6,112,363	413,432	6,525,795	1,659,406	159,154	1,818,560	8,344,355
November .....	6,289,767	399,863	6,689,630	1,614,899	159,266	1,774,165	8,463,795
December .....	6,524,761	513,490	7,038,251	1,641,003	162,689	1,803,692	8,841,943
1959							
January .....	6,411,494	612,213	7,023,707	1,573,003	179,623	1,752,626	8,776,333
February .....	5,916,609	543,236	6,459,845	1,462,624	174,124	1,636,748	8,096,593
March .....	6,511,897	486,023	6,997,920	1,634,633	180,840	1,815,473	8,813,393
April .....	6,503,041	378,947	6,881,988	1,565,435	162,985	1,728,420	8,610,408
May .....	6,610,516	378,153	6,988,669	1,586,097	163,564	1,749,661	8,738,330
June .....	6,196,139	335,475	6,531,614	1,594,357	163,875	1,758,232	8,289,846
July .....	6,003,112	340,664	6,343,776	1,594,731	146,432	1,741,163	8,084,939
August .....	*5,969,303	*394,810	*6,364,113	1,583,467	*160,019	*1,743,486	*8,107,599
September .....	6,085,150	429,591	6,514,741	1,534,875	163,653	1,698,528	8,213,269
October .....							
November .....							
December .....							



## DOMINION BUREAU OF STATISTICS

OTTAWA - CANADA

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## ELECTRIC POWER STATISTICS

October, 1959

Monthly electric power statistics have been published on the present basis since January 1957. The "Central Electric Stations" series discontinued at that time dealt exclusively with power produced for sale, whether by utilities or by industrial establishments servicing adjoining communities or selling small amounts of power to regular customers. Specifically excluded from the "Central Electric Stations" report was power produced by industry for own use. The revised series which includes this production is therefore a much more reliable economic indicator.

Although the revised series embraces both power produced for own use and power produced for sale it does not reflect the entire production of electric energy in Canada. In order to expedite collection and compilation of returns only firms which generate at least 10 million kilowatt hours per annum are asked to report monthly statistics. These firms, however, were found to have accounted for 99.1 per cent of total production in 1957.

Net generation as defined for the purpose of this series means total output less the amount used in station service. The amount made available in Canada is arrived at by deducting exports to the United States from the sum total of net generation and imports. Energy produced for use in electric boilers, which is the only form of secondary consumption that can be isolated for all provinces, is deducted from energy made available in order to produce a figure more closely approximating primary consumption.

Total net generation of electric energy in Canada by firms which produce 10 million kilowatt hours or more per annum amounted to 9,025,589 megawatt hours in October 1959, an increase of 8.2 per cent over the 8,344,365 mwh generated a year ago. Generation by utilities rose 10.9 per cent to 7,150,636 mwh while the industrial total rose 3.1 per cent to 1,874,953 mwh.

The amount of electric energy made available for use in Canada in October increased 9.0 per cent to 8,749,003 mwh from 8,029,520 mwh in 1958. Imports from the United States rose 16,141 mwh to 39,740 from 23,599 while exports were down 22,118 mwh to 316,326 mwh. Since energy used in electric boilers decreased 11.5 per cent to 473,725 mwh from 535,305 mwh in October 1958, the amount available after deducting energy used in electric boilers rose 10.4 per cent to 8,275,278 mwh from 7,494,215.

Net generation in the first ten months of the year totalled 84,762,249 mwh compared with 79,437,989 in the same period of 1958, an increase of 5,324,260 mwh or 6.7 per cent. Energy made available less the amount used in electric boilers rose 7.3 per cent to 76,542,286 from 71,351,906.

Prepared in the Transportation and Public Utilities Section

8504-500-109



Electric Energy Made Available  
October 1959

	Canada	Newfoundland	Prince Edward Island	Nova Scotia
	(Thousand kwh.)			
Net generation				
Utilities:				
Hydro .....	6,675,651	77,018	-	52,534
Thermal .....	474,985	8,637	6,245	79,073
Total .....	7,150,636	85,655	6,245	131,607
Industry:				
Hydro .....	1,685,120	31,770	-	3,306
Thermal .....	189,833	1,316	-	9,466
Total .....	1,874,953	33,086	-	12,772
Total net generation .....	9,025,589	118,741	6,245	144,379
Energy imported:				
From other provinces .....	xxx	-	-	-
From United States .....	39,740	-	-	-
Total .....	39,740	-	-	-
Energy exported:				
To other provinces .....	xxx	2,893	-	1,308
To United States - primary .....	104,786	-	-	-
secondary .....	211,540	-	-	-
Total .....	316,326	2,893	-	1,308
Energy made available in Canada <sup>1</sup> .....	8,749,003	115,848	6,245	143,071
Amount used in electric boilers .....	473,725	39	-	-
Energy made available less amount used in boilers .....	8,275,278	115,809	6,245	143,071

Cumulative totals, January - October 1959

Net generation				
Utilities:				
Hydro .....	62,881,283	796,352	-	500,947
Thermal .....	4,376,763	31,966	57,041	713,006
Total .....	67,258,046	828,318	57,041	1,213,953
Industry:				
Hydro .....	15,814,400	289,556	-	31,358
Thermal .....	1,689,803	15,886	-	94,529
Total .....	17,504,203	305,442	-	125,887
Total net generation .....	84,762,249	1,133,760	57,041	1,339,840
Energy imported:				
From other provinces .....	xxx	-	-	-
From United States .....	458,732	-	-	-
Total .....	458,732	-	-	-
Energy exported:				
To other provinces .....	xxx	40,540	-	11,192
To United States - primary .....	1,043,551	-	-	-
secondary .....	2,650,373	-	-	-
Total .....	3,693,924	40,540	-	11,192
Energy made available in Canada <sup>1</sup> .....	81,527,057	1,093,220	57,041	1,328,648
Amount used in electric boilers .....	4,984,671	96,025	-	-
Energy made available less amount used in boilers .....	76,542,386	997,195	57,041	1,328,648
October 1958				
Total net generation .....	8,344,365	118,459	5,508	139,636
Total energy imported .....	23,599	-	-	-
Total energy exported .....	338,444	2,823	-	920
Total made available in Canada <sup>1</sup> .....	8,029,520	115,636	5,508	138,716
Amount used in electric boilers .....	535,305	12,657	-	-
Total made available less amount used in boilers .....	7,494,215	102,979	5,508	138,716
January - October 1958				
Total net generation .....	79,437,989	1,136,535	50,285	1,274,469
Total energy imported .....	5,788,958	-	-	-
Total energy exported .....	8,923,631	30,711	-	7,924
Total made available in Canada <sup>1</sup> .....	76,303,316	1,105,824	50,285	1,266,545
Amount used in electric boilers .....	4,951,410	128,905	-	-
Total made available less amount used in boilers .....	71,351,906	976,919	50,285	1,266,545

1. Includes interruptable and at will energy and energy used in electric boilers.

Electric Energy Made Available  
October 1959

New Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Yukon and N.W.T.
(Thousand kwh.)							
89,678	2,896,853	2,614,781	316,169	48,131	56,947	514,932	8,608
18,811	70	34,339	4,494	123,180	183,049	16,187	900
108,489	2,896,923	2,649,120	320,663	171,311	239,996	531,119	9,508
3,490	994,370	126,843	3,501	2,815	-	515,177	3,848
35,918	17,058	50,604	-	5,474	25,310	44,687	-
39,408	1,011,428	177,447	3,501	8,289	25,310	559,864	3,848
147,897	3,908,351	2,826,567	324,164	179,600	265,306	1,090,983	13,356
2,771	4,229	498,276	59,608	703	4,081	19	-
52	40	37,997	-	-	-	1,651	-
2,823	4,269	536,273	59,608	703	4,081	1,670	-
-	499,739	10,020	303	50,924	419	4,081	-
3,522	43,133	58,020	3	-	-	108	-
11,238	2,434	196,532	-	-	-	1,336	-
14,760	545,306	264,572	306	50,924	419	5,525	-
135,960	3,367,314	3,098,268	383,466	129,379	268,968	1,087,128	13,356
40	388,702	31,271	44,838	-	-	6,855	1,980
135,920	2,978,612	3,066,997	338,628	129,379	268,968	1,080,273	11,376

Cumulative totals, January - October 1959

717,655	26,851,828	25,217,562	2,880,736	465,390	673,911	4,695,338	81,564
256,704	18,378	342,684	37,075	1,158,451	1,607,201	147,736	6,521
974,359	26,870,206	25,560,246	2,917,811	1,623,841	2,281,112	4,843,074	88,085
39,604	9,365,537	1,140,823	31,948	18,370	-	4,856,637	40,567
340,980	161,015	475,252	18	63,362	201,382	337,379	-
380,584	9,526,552	1,616,075	31,966	81,732	201,382	5,194,016	40,567
1,354,943	36,396,758	27,176,321	2,949,777	1,705,573	2,482,494	10,037,090	128,652
22,000	69,747	4,481,199	525,242	6,557	27,011	1,738	-
635	430	445,718	-	-	-	11,949	-
22,635	70,177	4,926,917	525,242	6,557	27,011	13,687	-
-	4,492,006	60,061	2,479	494,388	5,817	27,011	-
30,177	414,173	597,889	29	-	-	1,283	-
91,268	42,923	2,505,932	-	-	-	10,250	-
121,445	4,949,102	3,163,882	2,508	494,388	5,817	38,544	-
1,256,133	31,517,833	28,939,356	3,472,511	1,217,742	2,503,688	10,012,233	128,652
1,213	4,107,720	391,232	303,992	-	-	62,319	22,170
1,254,920	27,410,113	28,548,124	3,168,519	1,217,742	2,503,688	9,949,914	106,482
137,458	3,783,723	2,463,443	257,523	162,805	229,080	1,035,129	11,601
2,349	4,040	541,151	53,553	222	3,194	1,098	-
12,628	563,111	287,391	225	49,016	10	4,328	-
127,179	3,224,652	2,717,203	310,851	114,011	232,264	1,031,899	11,601
-	449,838	56,506	6,223	-	-	7,112	2,969
127,179	2,774,814	2,660,697	304,628	114,011	232,264	1,024,787	8,632
1,266,844	35,934,561	23,803,700	2,639,334	1,542,754	2,102,052	9,577,601	109,854
21,062	42,266	5,182,109	512,507	2,027	13,883	15,104	-
123,661	5,396,777	2,809,636	42,939	485,852	1,617	24,514	-
1,164,245	30,580,050	26,176,173	3,108,902	1,058,929	2,114,318	9,568,191	109,854
2,453	4,234,484	289,080	202,087	-	-	71,581	22,820
1,161,792	26,345,566	25,887,093	2,906,815	1,058,929	2,114,318	9,496,610	87,034

Electric Energy Made Available  
January - October 1959

Month	Total net generation	Imports from United States	Exports to United States	Total made available in Canada	Total made available less amount used in boilers	Daily Average	
						Total net generation	Total made available
(Thousand kwh.)							
January .....	8,776,333	39,253	275,623	8,539,963	8,041,042	283,108	275,483
February .....	8,096,593	40,254	247,452	7,889,395	7,396,838	289,164	281,764
March .....	8,813,393	41,070	339,652	8,514,811	7,907,845	284,303	274,671
April .....	8,610,408	57,588	404,809	8,263,187	7,622,688	287,014	275,440
May .....	8,738,330	72,116	604,658	8,205,788	7,597,859	281,881	264,702
June .....	8,289,846	24,365	481,188	7,833,023	7,383,487	276,328	261,101
July .....	8,084,939	36,685	399,650	7,721,974	7,311,918	260,804	249,095
August .....	8,107,608	52,647	333,306	7,826,949	7,417,312	270,254	260,868
September .....	8,219,152	55,014	291,260	7,982,906	7,588,061	273,972	266,097
October .....	9,025,589	39,740	316,326	8,749,003	8,275,278	291,148	282,226
November .....							
December .....							
Total .....							

Net generation, 1949-1959  
CANADA

Year and month	Utilities			Industry			Grand total
	Hydro	Thermal	Total	Hydro	Thermal	Total	
(Thousand kwh.)							
1949 .....	35,783,737	1,390,562	37,174,299	n.a.	n.a.	12,889,749	50,064,048
1950 .....	39,342,277	1,647,557	40,989,834	"	"	13,428,593	54,418,427
1951 .....	45,819,227	1,732,652	47,551,879	"	"	13,369,527	60,921,406
1952 .....	49,156,895	2,222,115	51,379,010	"	"	14,086,950	65,465,960
1953 .....	49,160,361	3,797,345	52,957,706	"	"	16,400,824	69,358,530
1954 .....	51,713,904	3,178,434	54,892,338	"	"	17,547,555	72,439,893
1955 .....	57,996,293	3,197,153	61,193,446	"	"	18,381,161	79,574,607
1956 .....	64,014,072	4,292,898	68,306,970	"	"	19,119,968	87,426,938
1957 .....	65,817,043	5,572,995	71,390,038	17,155,908	1,702,865	18,858,773	90,248,811
1958 - Total .....	70,838,966	4,690,734	75,529,700	19,409,459	1,804,558	21,214,017	96,743,717
January .....	6,294,539	437,663	6,732,202	1,699,573	132,663	1,832,236	8,564,438
February .....	5,688,336	427,520	6,115,856	1,541,393	138,529	1,679,922	7,795,778
March .....	6,217,035	388,804	6,605,839	1,725,354	155,504	1,880,858	8,486,697
April .....	5,811,395	328,608	6,140,003	1,661,061	149,376	1,810,437	7,950,440
May .....	5,832,160	335,807	6,167,967	1,644,054	156,414	1,800,468	7,968,435
June .....	5,473,119	304,447	5,777,566	1,541,104	147,571	1,688,675	7,466,241
July .....	5,633,549	314,498	5,948,047	1,576,529	141,527	1,718,056	7,666,103
August .....	5,524,523	370,450	5,894,973	1,533,121	150,440	1,683,561	7,578,534
September .....	5,437,419	456,152	5,893,571	1,571,962	151,425	1,723,387	7,616,958
October .....	6,112,363	413,432	6,525,795	1,659,406	159,154	1,818,560	8,344,355
November .....	6,289,767	399,863	6,689,630	1,614,899	159,266	1,774,165	8,463,795
December .....	6,524,761	513,490	7,038,251	1,641,003	162,689	1,803,692	8,841,943
1959							
January .....	6,411,494	612,213	7,023,707	1,573,003	179,623	1,752,626	8,776,333
February .....	5,916,609	543,236	6,459,845	1,462,624	174,124	1,636,748	8,096,593
March .....	6,511,897	486,023	6,997,920	1,634,633	180,840	1,815,473	8,813,393
April .....	6,503,041	378,947	6,881,988	1,565,435	162,985	1,728,420	8,610,408
May .....	6,610,516	378,153	6,988,669	1,586,097	163,564	1,749,661	8,738,330
June .....	6,196,139	335,475	6,531,614	1,594,357	163,875	1,758,232	8,289,846
July .....	6,003,112	340,664	6,343,776	1,594,731	146,432	1,741,163	8,084,939
August .....	5,969,303	394,810	6,364,113	1,583,467	160,019	1,743,486	8,107,599
September .....	6,083,521	432,257	6,515,778	1,535,278	168,096	1,703,374	8,219,152
October .....	6,675,651	474,985	7,150,636	1,685,120	189,833	1,874,953	9,025,589
November .....							
December .....							





## DOMINION BUREAU OF STATISTICS

OTTAWA - CANADA

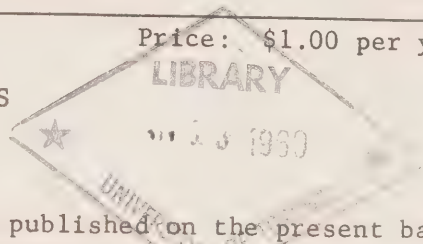
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## ELECTRIC POWER STATISTICS

November, 1959



Monthly electric power statistics have been published on the present basis since January 1957. The "Central Electric Stations" series discontinued at that time dealt exclusively with power produced for sale, whether by utilities or by industrial establishments servicing adjoining communities or selling small amounts of power to regular customers. Specifically excluded from the "Central Electric Stations" report was power produced by industry for own use. The revised series which includes this production is therefore a much more reliable economic indicator.

Although the revised series embraces both power produced for own use and power produced for sale it does not reflect the entire production of electric energy in Canada. In order to expedite collection and compilation of returns only firms which generate at least 10 million kilowatt hours per annum are asked to report monthly statistics. These firms, however, were found to have accounted for 99.1 per cent of total production in 1957.

Net generation as defined for the purpose of this series means total output less the amount used in station service. The amount made available in Canada is arrived at by deducting exports to the United States from the sum total of net generation and imports. Energy produced for use in electric boilers, which is the only form of secondary consumption that can be isolated for all provinces, is deducted from energy made available in order to produce a figure more closely approximating primary consumption.

Total net generation of electric energy in Canada by firms which produce 10 million kilowatt hours or more per annum amounted to 9,327,104 megawatt hours in November 1959, a rise of 10.2 per cent over the 8,464,210 mwh generated one year ago. Generation by utilities went up 11.9 per cent to 7,484,451 mwh while the industrial figure showed an increase of 3.9 per cent to 1,842,653 mwh.

The amount of electric energy made available for use in Canada in November rose 10.2 per cent to 8,907,480 mwh from 8,080,611 in 1958 with imports increasing to 23,861 mwh from 11,221 and exports to 443,485 mwh from 394,820. Since the amount of energy used in electric boilers increased only 5.8 per cent to 546,185 mwh from 516,023, the total available after deducting energy used in electric boilers showed a rise of 10.5 per cent to 8,361,295 mwh from 7,564,588.

Net generation in the first eleven months of the year totalled 94,095,839 mwh compared with 87,902,199 in the same period of 1958, an increase of 6,193,640 mwh or 7.0 per cent. Energy made available less the amount used in electric boilers increased 7.6 per cent to 84,910,167 from 78,916,494.

Prepared in the Transportation and Public Utilities Section

504-509-119

**Electric Energy Made Available**  
November 1959

	Canada	Newfoundland	Prince Edward Island	Nova Scotia
	(Thousand kwh.)			
Net generation				
Utilities:				
Hydro .....	7,036,754	80,797	-	63,365
Thermal .....	447,697	1,867	6,542	68,399
Total .....	7,484,451	82,664	6,542	131,764
Industry:				
Hydro .....	1,666,638	30,463	-	3,417
Thermal .....	176,015	1,595	-	9,184
Total .....	1,842,653	32,058	-	12,601
Total net generation .....	9,327,104	114,722	6,542	144,365
Energy imported:				
From other provinces .....	xxx	-	-	-
From United States .....	23,861	-	-	-
Total .....	23,861	-	-	-
Energy exported:				
To other provinces .....	xxx	5,044	-	1,372
To United States - primary .....	107,724	-	-	-
secondary .....	335,761	-	-	-
Total .....	443,485	5,044	-	1,372
Energy made available in Canada <sup>1</sup> .....	8,907,480	109,678	6,542	142,993
Amount used in electric boilers .....	546,185	1,266	-	-
Energy made available less amount used in boilers .....	8,361,295	108,412	6,542	142,993

Cumulative totals, January - November 1959

Net generation				
Utilities:				
Hydro .....	69,918,525	877,149	-	564,312
Thermal .....	4,830,548	33,833	63,583	781,405
Total .....	74,749,073	910,982	63,583	1,345,717
Industry:				
Hydro .....	17,481,038	320,019	-	34,775
Thermal .....	1,865,728	17,481	-	103,713
Total .....	19,346,766	337,500	-	138,488
Total net generation .....	94,095,839	1,248,482	63,583	1,484,205
Energy imported:				
From other provinces .....	xxx	-	-	-
From United States .....	482,593	-	-	-
Total .....	482,593	-	-	-
Energy exported:				
To other provinces .....	xxx	45,584	-	12,564
To United States - primary .....	1,151,275	-	-	-
secondary .....	2,986,134	-	-	-
Total .....	4,137,409	45,584	-	12,564
Energy made available in Canada <sup>1</sup> .....	90,441,023	1,202,898	63,583	1,471,641
Amount used in electric boilers .....	5,530,856	97,291	-	-
Energy made available less amount used in boilers .....	84,910,167	1,105,607	63,583	1,471,641
November 1958				
Total net generation .....	8,464,210	115,120	5,745	138,571
Total energy imported .....	11,221	-	-	-
Total energy exported .....	394,820	2,993	-	956
Total made available in Canada <sup>1</sup> .....	8,080,611	112,127	5,745	137,615
Amount used in electric boilers .....	516,023	11,489	-	-
Total made available less amount used in boilers .....	7,564,588	100,638	5,745	137,615
January to November 1958				
Total net generation .....	87,902,199	1,251,655	56,030	1,413,040
Total energy imported .....	212,039	-	-	-
Total energy exported .....	3,730,311	33,704	-	8,880
Total made available in Canada <sup>1</sup> .....	84,383,927	1,217,951	56,030	1,404,160
Amount used in electric boilers .....	5,467,433	140,394	-	-
Total made available less amount used in boilers .....	78,916,494	1,077,557	56,030	1,404,160

1. Includes interruptable and at will energy and energy used in electric boilers.

Electric Energy Made Available

November 1959

New Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Yukon and N.W.T.
(Thousand kwh.)							
99,954	3,018,907	2,796,861	327,131	47,538	68,889	524,553	8,759
11,687	144	12,622	4,360	129,313	194,082	17,666	1,015
111,641	3,019,051	2,809,483	331,491	176,851	262,971	542,219	9,774
6,956	975,826	125,215	3,559	2,809	-	515,128	3,265
34,934	14,804	47,487	-	4,751	20,158	43,102	-
41,890	990,630	172,702	3,559	7,560	20,158	558,230	3,265
153,531	4,009,681	2,982,185	335,050	184,411	283,129	1,100,449	13,039
2,879	6,488	558,505	60,852	701	3,514	37	-
5	56	18,575	-	-	-	5,225	-
2,884	6,544	577,080	60,852	701	3,514	5,262	-
-	560,012	12,466	292	49,830	446	3,514	-
3,600	41,684	62,329	3	-	-	108	-
14,093	1,106	319,438	-	-	-	1,124	-
17,693	602,802	394,233	295	49,830	446	4,746	-
138,722	3,413,423	3,165,032	395,607	135,282	286,197	1,100,965	13,039
471	455,367	36,766	38,258	-	-	11,814	2,243
138,251	2,958,056	3,128,266	357,349	135,282	286,197	1,089,151	10,796

Cumulative totals, January - November 1959

817,609	29,871,223	28,014,423	3,207,867	512,928	742,800	5,219,891	90,323
268,391	18,522	355,306	41,435	1,287,764	1,807,371	165,402	7,536
1,086,000	29,889,745	28,369,729	3,249,302	1,800,692	2,550,171	5,385,293	97,859
46,560	10,341,363	1,266,038	35,507	21,179	-	5,371,765	43,832
375,824	175,819	522,739	18	68,113	221,540	380,481	-
422,384	10,517,182	1,788,777	35,525	89,292	221,540	5,752,246	43,832
1,508,384	40,406,927	30,158,506	3,284,827	1,889,984	2,771,711	11,137,539	141,691
24,879	76,235	5,040,137	586,094	7,235	30,525	1,775	-
640	486	464,293	-	-	-	17,174	-
25,519	76,721	5,504,430	586,094	7,235	30,525	18,949	-
-	5,052,451	72,527	2,771	544,218	6,240	30,525	-
33,777	455,857	660,218	32	-	-	1,391	-
105,361	44,029	2,825,370	-	-	-	11,374	-
139,138	5,552,337	3,558,115	2,803	544,218	6,240	43,290	-
1,394,765	34,931,311	32,104,821	3,868,118	1,353,001	2,795,996	11,113,198	141,691
1,684	4,563,087	427,998	342,250	-	-	74,133	24,413
1,393,081	30,368,224	31,676,823	3,525,868	1,353,001	2,795,996	11,039,065	117,278
137,647	3,744,514	2,604,034	266,680	168,960	239,153	1,032,496	11,290
2,325	4,372	496,846	50,917	215	2,863	1,268	-
15,641	525,228	345,879	218	47,567	142	3,781	-
124,331	3,223,658	2,755,001	317,379	121,608	241,874	1,029,983	11,290
-	433,618	55,428	5,569	-	-	7,410	2,509
124,331	2,790,040	2,699,573	311,810	121,608	241,874	1,022,573	8,781
1,404,491	39,679,075	26,407,734	2,906,014	1,711,714	2,341,205	10,610,097	121,144
23,387	46,638	5,678,955	563,424	2,242	16,746	16,372	-
139,302	5,922,005	3,155,515	43,157	533,419	1,759	28,295	-
1,288,576	33,803,708	28,931,174	3,426,281	1,180,537	2,356,192	10,598,174	121,144
2,453	4,668,102	344,508	207,656	-	-	78,991	25,329
1,286,123	29,135,606	28,586,666	3,218,625	1,180,537	2,356,192	10,519,183	95,815



# Electric Energy Made Available

January - November 1959

Month	Total net generation	Imports from United States	Exports to United States	Total made available in Canada	Total made available less amount used in boilers	Daily Average	
						Total net generation	Total made available
(Thousand kwh.)							
January .....	8,776,333	39,253	275,623	8,539,963	8,041,042	283,108	275,483
February .....	8,096,593	40,254	247,452	7,889,395	7,396,838	289,164	281,764
March .....	8,813,393	41,070	339,652	8,514,811	7,907,845	284,303	274,671
April .....	8,610,408	57,588	404,809	8,263,187	7,622,688	287,014	275,440
May .....	8,738,330	72,116	604,658	8,205,788	7,597,859	281,881	264,702
June .....	8,289,846	24,365	481,188	7,833,023	7,383,487	276,328	261,101
July .....	8,084,939	36,685	399,650	7,721,974	7,311,918	260,804	249,095
August .....	8,107,608	52,647	333,306	7,826,949	7,417,312	270,254	260,868
September .....	8,219,152	55,014	291,260	7,982,906	7,588,061	273,972	266,097
October .....	*9,032,165	39,740	316,326	*8,755,579	*8,281,854	*291,360	*282,438
November .....	9,327,104	23,861	443,485	8,907,480	8,361,295	310,903	296,916
December .....							
Total .....							

## Net generation, 1949-1959 CANADA

Year and month	Utilities			Industry			Grand total
	Hydro	Thermal	Total	Hydro	Thermal	Total	
(Thousand kwh.)							
1949 .....	35,783,737	1,390,562	37,174,299	n.a.	n.a.	12,889,749	50,064,048
1950 .....	39,342,277	1,647,557	40,989,834	"	"	13,428,593	54,418,427
1951 .....	45,819,227	1,732,652	47,551,879	"	"	13,369,527	60,921,406
1952 .....	49,156,895	2,222,115	51,379,010	"	"	14,086,950	65,465,960
1953 .....	49,160,361	3,797,345	52,957,706	"	"	16,400,824	69,358,530
1954 .....	51,713,904	3,178,434	54,892,338	"	"	17,547,555	72,439,893
1955 .....	57,996,293	3,197,153	61,193,446	"	"	18,381,161	79,574,607
1956 .....	64,014,072	4,292,898	68,306,970	"	"	19,119,968	87,426,938
1957 .....	65,817,043	5,572,995	71,390,038	17,155,908	1,702,865	18,858,773	90,248,811
1958 - Total .....	70,840,574	4,690,850	75,531,424	19,409,459	1,804,558	21,214,017	96,745,441
January .....	6,294,539	437,663	6,732,202	1,699,573	132,663	1,832,236	8,564,438
February .....	5,688,336	427,520	6,115,856	1,541,393	138,529	1,679,922	7,795,778
March .....	6,217,035	388,804	6,605,839	1,725,354	155,504	1,880,858	8,486,697
April .....	5,811,395	328,608	6,140,003	1,661,061	149,376	1,810,437	7,950,440
May .....	5,832,160	335,807	6,167,967	1,644,054	156,414	1,800,468	7,968,435
June .....	5,473,119	304,447	5,777,566	1,541,104	147,571	1,688,675	7,466,241
July .....	5,633,549	314,498	5,948,047	1,576,529	141,527	1,718,056	7,666,103
August .....	5,524,523	370,450	5,894,973	1,533,121	150,440	1,683,561	7,578,534
September .....	5,437,419	456,152	5,893,571	1,571,962	151,425	1,723,387	7,616,958
October .....	6,112,363	413,432	6,525,795	1,659,406	159,154	1,818,560	8,344,355
November .....	6,290,131	399,914	6,690,045	1,614,899	159,266	1,774,165	8,464,210
December .....	6,526,005	513,545	7,039,550	1,641,003	162,689	1,803,692	8,843,242
1959							
January .....	6,411,494	612,213	7,023,707	1,573,003	179,623	1,752,626	8,776,333
February .....	5,916,609	543,236	6,459,845	1,462,624	174,124	1,636,748	8,096,593
March .....	6,511,897	486,023	6,997,920	1,634,633	180,840	1,815,473	8,813,393
April .....	6,503,041	378,947	6,881,988	1,565,435	162,985	1,728,420	8,610,408
May .....	6,610,516	378,153	6,988,669	1,586,097	163,564	1,749,661	8,738,330
June .....	6,196,139	335,475	6,531,614	1,594,357	163,875	1,758,232	8,289,846
July .....	6,073,112	340,664	6,343,776	1,594,731	146,432	1,741,163	8,084,939
August .....	5,969,303	394,810	6,364,113	1,583,467	160,019	1,743,486	8,107,599
September .....	6,083,521	432,257	6,515,778	1,535,278	168,096	1,703,374	8,219,152
October .....	*6,574,134	*481,073	*7,157,212	1,685,120	189,833	1,874,953	*9,032,165
November .....	7,036,745	447,697	7,484,451	1,666,638	176,015	1,842,653	9,327,104
December .....							

\* Revised



## DOMINION BUREAU OF STATISTICS

OTTAWA - CANADA

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Net generation as defined for the purpose of this series means total output less the amount used in station service. The amount made available in Canada is arrived at by deducting exports to the United States from the sum total of net generation and imports. Energy produced for use in electric boilers, which is the only form of secondary consumption that can be isolated for all provinces, is deducted from energy made available in order to produce a figure more closely approximating primary consumption.

Total net generation of electric energy in Canada by firms which produce 10 million kilowatt hours or more per annum amounted to 9,749,921 megowatt hours in December 1959, a rise of 10.2 percent over the 8,843,242 mwh generated one year ago. Generation by utilities rose 10.7 per cent to 7,793,633 mwh while the industrial figure showed an increase of 8.5 per cent to 1,956,288 mwh.

The amount of electric energy made available for use in Canada in December rose 9.4 per cent to 9,332,648 mwh from 8,532,168 in 1958 with imports decreasing to 28,561 mwh from 31,802 and exports increasing to 445,834 mwh from 342,876. Since the amount used in electric boilers increased by 35.9 per cent to 681,843 mwh from 501,870, the total made available after deducting energy used in electric boilers showed a rise of 7.7 per cent to 8,650,805 mwh from 8,030,298.

Net generation for the year 1959 totalled 103,844,274 mwh compared with 96,745,441 in 1958, an increase of 7,098,833 mwh or 7.3 per cent. Energy made available less the amount used in electric boilers increased 7.6 percent to 93,559,477 mwh from 86,946,792.

Prepared in the Transportation and Public Utilities Section

8504-509-129

Electric Energy Made Available

December 1959

	Canada	Newfoundland	Prince Edward Island	Nova Scotia
(Thousand kwh.)				
Net generation				
Utilities:				
Hydro .....	7,337,267	91,377	-	70,501
Thermal .....	456,366	2,174	7,185	71,277
Total .....	7,793,633	93,551	7,185	141,778
Industry:				
Hydro .....	1,782,292	30,950	-	3,751
Thermal .....	173,996	897	-	9,151
Total .....	1,956,288	31,847	-	12,902
Total net generation .....	9,749,921	125,398	7,185	154,680
Energy imported:				
From other provinces .....	xxx	-	-	-
From United States .....	28,561	-	-	-
Total .....	28,561	-	-	-
Energy exported:				
To other provinces .....	xxx	5,369	-	1,420
To United States - primary .....	110,235	-	-	-
secondary .....	335,599	-	-	-
Total .....	445,834	5,369	-	1,420
Energy made available in Canada <sup>1</sup> .....	9,332,648	120,029	7,185	153,260
Amount used in electric boilers .....	681,843	11,150	-	-
Energy made available less amount used in boilers .....	8,650,805	108,879	7,185	153,260

Cumulative totals, January - December 1959

Net generation				
Utilities:				
Hydro .....	77,251,848	968,526	-	634,813
Thermal .....	5,289,393	36,007	70,768	852,682
Total .....	82,541,241	1,004,533	70,768	1,487,495
Industry:				
Hydro .....	19,262,880	350,969	-	38,526
Thermal .....	2,040,153	18,378	-	112,864
Total .....	21,303,033	369,347	-	151,390
Total net generation .....	103,844,274	1,373,880	70,768	1,638,885
Energy imported:				
From other provinces .....	xxx	-	-	-
From United States .....	511,154	-	-	-
Total .....	511,154	-	-	-
Energy exported:				
To other provinces .....	xxx	50,953	-	13,984
To United States - primary .....	1,261,510	-	-	-
secondary .....	3,321,733	-	-	-
Total .....	4,583,243	50,953	-	13,984
Energy made available in Canada <sup>1</sup> .....	99,772,185	1,322,927	70,768	1,624,901
Amount used in electric boilers .....	6,212,708	108,441	-	-
Energy made available less amount used in boilers .....	93,559,477	1,214,486	70,768	1,624,901
December, 1958				
Total net generation .....	8,843,242	118,321	6,506	148,854
Total energy imported .....	31,802	-	-	-
Total energy exported .....	342,876	3,270	-	1,068
Total made available in Canada <sup>1</sup> .....	8,532,168	115,051	6,506	147,786
Amount used in electric boilers .....	501,870	14,978	-	-
Total made available less amount used in boilers .....	8,030,298	100,073	6,506	147,786
January-December 1958				
Total net generation .....	96,745,441	1,369,976	62,536	1,561,894
Total energy imported .....	243,841	-	-	-
Total energy exported .....	4,073,187	36,974	-	9,948
Total made available in Canada <sup>1</sup> .....	92,916,095	1,333,002	62,536	1,551,946
Amount used in electric boilers .....	5,969,303	155,372	-	-
Total made available less amount used in boilers .....	86,946,792	1,177,630	62,536	1,551,946

1. Includes interruptable and at will energy and energy used in electric boilers.



Electric Energy Made Available

December 1959

New Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Yukon and N.W.T.
(Thousand kwh.)							
103,127	3,157,551	2,889,719	334,721	49,147	99,467	532,828	8,829
14,104	571	18,075	8,756	137,423	177,431	18,265	1,105
117,231	3,158,122	2,907,794	343,477	186,570	276,898	551,093	9,934
7,228	1,051,199	132,235	3,577	2,919	-	547,206	3,227
34,131	13,646	49,083	-	4,819	23,522	38,747	-
41,359	1,064,845	181,318	3,577	7,738	23,522	585,953	3,227
158,590	4,222,967	3,089,112	347,054	194,308	300,420	1,137,046	13,161
3,104	6,707	574,631	66,253	794	3,612	28	-
19	55	17,164	-	-	-	11,323	-
3,123	6,762	591,795	66,253	794	3,612	11,351	-
-	576,315	16,069	319	51,522	503	3,612	-
3,757	43,318	63,053	3	-	-	104	-
14,188	2,853	317,497	-	-	-	1,061	-
17,945	622,486	396,619	322	51,522	503	4,777	-
143,768	3,607,243	3,284,288	412,985	143,580	303,529	1,143,620	13,161
363	545,131	56,774	50,997	-	-	15,371	2,057
143,405	3,062,112	3,227,514	361,988	143,580	303,529	1,128,249	11,104

Cumulative totals, January - December 1959

920,736	33,025,336	30,903,636	3,542,588	562,075	842,267	5,752,719	99,152
282,495	19,093	373,381	51,422	1,425,113	1,986,264	183,667	8,501
1,203,231	33,044,429	31,277,017	3,594,010	1,987,188	2,828,531	5,936,386	107,653
53,788	11,392,525	1,397,860	39,084	24,098	-	5,918,971	47,059
409,955	189,465	572,251	18	72,932	245,062	419,228	-
463,743	11,581,990	1,970,111	39,102	97,030	245,062	6,338,199	47,059
1,666,974	44,626,419	33,247,128	3,633,112	2,084,218	3,073,593	12,274,585	154,712
27,983	82,892	5,612,162	652,347	8,066	34,137	1,803	-
659	541	481,457	-	-	-	28,497	-
28,642	83,433	6,093,619	652,347	8,066	34,137	30,300	-
-	5,626,160	88,546	3,090	595,740	6,780	34,137	-
37,534	499,175	723,271	35	-	-	1,495	-
119,549	46,882	3,142,867	-	-	-	12,435	-
157,083	6,172,217	3,954,684	3,125	595,740	6,780	48,067	-
1,538,533	38,537,635	35,386,063	4,282,334	1,496,544	3,100,950	12,256,818	154,712
2,047	5,108,218	484,781	393,247	-	-	89,504	26,470
1,536,486	33,429,417	34,901,282	3,889,087	1,496,544	3,100,950	12,167,314	128,242
140,192	3,849,847	2,731,707	307,257	190,205	265,801	1,072,037	12,515
2,750	5,095	553,314	56,454	268	2,604	1,712	-
11,544	563,885	299,421	271	49,869	174	3,769	-
131,398	3,291,057	2,985,600	363,440	140,604	268,231	1,069,980	12,515
-	417,911	50,328	6,510	-	-	9,909	2,234
131,398	2,873,146	2,935,272	356,930	140,604	268,231	1,060,071	10,281
1,544,683	43,528,922	29,139,441	3,213,271	1,901,919	2,607,006	11,682,134	133,659
26,137	51,733	6,232,269	619,878	2,510	19,350	18,084	-
150,846	6,485,890	3,454,936	43,428	583,288	1,933	32,064	-
1,419,974	37,094,765	31,916,774	3,789,721	1,321,141	2,624,423	11,668,154	133,659
2,453	5,086,013	394,836	214,166	-	-	88,900	27,563
1,417,521	32,008,752	31,521,938	3,575,555	1,321,141	2,624,423	11,579,254	106,096

## Electric Energy Made Available

January-December 1959

Month	Total net generation	Imports from United States	Exports to United States	Total made available in Canada	Total made available less amount used in boilers	Daily Average	
						Total net generation	Total made available
(Thousand kwh.)							
January .....	8,776,153	39,253	275,623	8,539,783	8,040,862	283,101	275,477
February .....	8,096,593	40,254	247,452	7,889,395	7,396,838	289,164	281,764
March .....	8,813,393	41,070	339,652	8,514,811	7,907,845	284,303	274,671
April .....	8,610,308	57,588	404,809	8,263,087	7,622,588	287,010	275,436
May .....	8,738,330	72,116	604,658	8,205,788	7,597,859	281,881	264,702
June .....	8,289,846	24,365	481,188	7,833,023	7,383,487	276,328	261,101
July .....	8,084,899	36,685	399,650	7,721,934	7,311,878	260,803	249,095
August .....	8,107,636	52,647	333,307	7,826,976	7,417,339	261,537	252,483
September .....	8,219,152	55,014	291,260	7,982,906	7,588,061	273,972	266,097
October .....	9,032,165	39,740	316,326	8,755,579	8,281,854	291,360	282,438
November .....	9,325,878*	23,861	443,485	8,906,254*	8,360,069*	310,863*	296,875*
December .....	9,749,921	28,561	445,834	9,332,648	8,650,805	311,288	301,053
Total .....	103,844,274	511,154	4,583,244	99,772,184	93,559,485	284,505	273,348

## Net generation, 1949-1959

CANADA

Year and month	Utilities			Industry			Grand total
	Hydro	Thermal	Total	Hydro	Thermal	Total	
(Thousand kwh.)							
1949 .....	35,783,737	1,390,562	37,174,299	n.a.	n.a.	12,889,749	50,064,048
1950 .....	39,342,277	1,647,557	40,989,834	"	"	13,428,593	54,418,427
1951 .....	45,819,227	1,732,652	47,551,879	"	"	13,369,527	60,921,406
1952 .....	49,156,895	2,222,115	51,379,010	"	"	14,086,950	65,465,960
1953 .....	49,160,361	3,797,345	52,957,706	"	"	16,400,824	69,358,530
1954 .....	51,713,904	3,178,434	54,892,338	"	"	17,547,555	72,439,893
1955 .....	57,996,293	3,197,153	61,193,446	"	"	18,381,161	79,574,607
1956 .....	64,014,072	4,292,898	68,306,970	"	"	19,119,968	87,426,938
1957 .....	65,817,043	5,572,995	71,390,038	17,155,908	1,702,865	18,858,773	90,248,811
1958 - Total .....	70,838,966	4,690,734	75,529,700	19,409,459	1,804,558	21,214,017	96,743,717
January .....	6,294,539	437,663	6,732,202	1,699,573	132,663	1,832,236	8,564,438
February .....	5,688,336	427,520	6,115,856	1,541,393	138,529	1,679,922	7,795,778
March .....	6,217,035	388,804	6,605,839	1,725,354	155,504	1,880,858	8,486,697
April .....	5,811,395	328,608	6,140,003	1,661,061	149,376	1,810,437	7,950,440
May .....	5,832,160	335,807	6,167,967	1,644,054	156,414	1,800,468	7,968,435
June .....	5,473,119	304,447	5,777,566	1,541,104	147,571	1,688,675	7,466,241
July .....	5,633,549	314,498	5,948,047	1,576,529	141,527	1,718,056	7,666,103
August .....	5,524,523	370,450	5,894,973	1,533,121	150,440	1,683,561	7,578,534
September .....	5,437,419	456,152	5,893,571	1,571,962	151,425	1,723,387	7,616,958
October .....	6,112,363	413,432	6,525,795	1,659,406	159,154	1,818,560	8,344,355
November .....	6,290,131	399,914	6,690,045	1,614,899	159,266	1,774,165	8,464,210
December .....	6,526,005	513,545	7,039,550	1,641,003	162,689	1,803,692	8,843,242
1959							
January .....	6,411,494	612,033	7,023,527	1,573,003	179,623	1,752,626	8,776,153
February .....	6,503,041	378,847	6,881,888	1,565,435	162,985	1,728,420	8,096,493
March .....	6,511,897	486,023	6,997,920	1,634,633	180,840	1,815,473	8,813,393
April .....	6,503,041	378,847	6,881,888	1,565,435	162,985	1,728,420	8,610,308
May .....	6,610,516	378,153	6,988,669	1,586,097	163,564	1,749,661	8,738,330
June .....	6,196,139	335,475	6,531,614	1,594,357	163,875	1,758,232	8,289,846
July .....	6,003,112	340,624	6,343,736	1,594,371	146,432	1,741,163	8,084,899
August .....	5,969,303	394,870	6,364,173	1,583,122	160,341	1,743,463	8,107,636
September .....	6,083,521	432,257	6,515,778	1,535,278	168,096	1,703,374	8,219,152
October .....	6,676,139	481,073	7,157,212	1,685,120	189,833	1,874,953	9,032,165
November .....	7,032,810	450,436	7,483,246	1,666,188	176,444	1,842,632	9,325,878
December .....	7,337,267	456,366	7,793,633	1,782,292	173,996	1,956,288	9,749,921

\* Revised



## DOMINION BUREAU OF STATISTICS

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## ELECTRIC POWER STATISTICS

January, 1960

Monthly electric power statistics are designed to provide current information on the production and consumption of electric energy in Canada. In order to expedite the collection and compilation of returns, the series is confined to firms which generate a minimum of 10 million kilowatt hours per annum. These firms, however, accounted for 99.3 per cent of total production in 1958.

Prior to 1957, statistics in the monthly series related only to power produced for sale. This included all of the energy produced by electric utilities but only a comparatively small amount of the generation of industrial establishments which are defined as concerns which generate electricity primarily for use in own plant. Since January 1957 when industrial establishments commenced reporting their entire production, the industrial group has accounted for approximately 21 per cent of the total production of electric energy in Canada.

Early in 1957, industrial establishments were asked to provide generation figures on the revised basis for the period 1949-1956. In some instances estimates had to be made. The results for Canada and the provinces were published as a supplement to the June 1957 report. The Supplement issued with the January 1960 report brings the provincial historical tables up to date and in line with Canada totals which are shown regularly in the monthly report.

In the electric power series, net generation is defined as total generation less the amount used in station service. Net exports to the United States are deducted from total net generation in order to arrive at the amount of electric energy made available for use in Canada. Some of the amount made available is sold as surplus or secondary power and used, for the most part, in electric boilers. As this is the only form of secondary consumption that can readily be ascertained for all provinces, energy used in electric boilers is deducted from the amount made available in order to provide a figure more closely approximating primary consumption which is recognized as the more sensitive economic indicator.

Total net generation of electric energy in Canada by firms which produce 10 million kilowatt hours or more per annum amounted to 9,879,825 megawatt hours in January 1960, a rise of 12.6 per cent over the 8,776,153 mwh. generated one year ago. Generation by utilities rose 11.4 per cent to 7,826,353 mwh. while production by industrial establishments increased 17.2 per cent to 2,053,472 mwh.

The amount of electric energy made available for use in Canada in January rose 11.2 per cent to 9,499,132 mwh. from 8,539,783 in 1959. Net exports to the United States increased some 62 per cent with imports down 16,812 mwh. to 22,441 and exports up 127,511 mwh. to 403,134.

Electric energy used in electric boilers showed a rise of 41.2 per cent to 704,482 kwh. with the result that the amount remaining for largely non-secondary uses rose only 9.4 per cent to 8,794,650 mwh. from 8,040,862.

Prepared in the Transportation and Public Utilities Section

8504-509-10



Electric Energy Made Available

	Canada	Newfoundland	Prince Edward Island	Nova Scotia
	(Thousand kwh.)			
Net generation				
Utilities:				
Hydro .....	7,321,713	95,511	-	68,236
Thermal .....	504,640	2,110	6,968	72,322
Total .....	7,826,353	97,621	6,968	140,558
Industry:				
Hydro .....	1,867,724	27,100	-	3,566
Thermal .....	185,748	2,936	-	9,164
Total .....	2,053,472	30,036	-	12,730
Total net generation .....	9,879,825	127,657	6,968	153,288
Energy imported:				
From other provinces .....	XXX	-	-	-
From United States .....	22,441	-	-	-
Total .....	22,441	-	-	-
Energy exported:				
To other provinces .....	XXX	5,117	-	1,392
To United States - primary .....	110,411	-	-	-
secondary .....	292,723	-	-	-
Total .....	403,134	5,117	-	1,392
Energy made available in Canada <sup>1</sup> .....	9,499,132	122,540	6,968	151,896
Amount used in electric boilers .....	704,482	14,212	-	-
Energy made available less amount used in boilers .....	8,794,650	108,328	6,968	151,896

Cumulative totals, January -

Net generation				
Utilities:				
Hydro .....				
Thermal .....				
Total .....				
Industry:				
Hydro .....				
Thermal .....				
Total .....				
Total net generation .....				
Energy imported:				
From other provinces .....	XXX			
From United States .....				
Total .....				
Energy exported:				
To other provinces .....	XXX			
To United States - primary .....				
secondary .....				
Total .....				
Energy made available in Canada <sup>1</sup> .....				
Amount used in electric boilers .....				
Energy made available less amount used in boilers .....				
January 1959				
Total net generation .....	8,776,153	123,097	6,275	148,348
Total energy imported .....	39,253	-	-	-
Total energy exported .....	275,623	4,967	-	1,017
Total made available in Canada <sup>1</sup> .....	8,539,783	118,130	6,275	147,331
Amount used in electric boilers .....	498,921	20,110	-	-
Total made available less amount used in boilers .....	8,040,862	98,020	6,275	147,331
January -				
Total net generation .....				
Total energy imported .....				
Total energy exported .....				
Total made available in Canada <sup>1</sup> .....				
Amount used in electric boilers .....				
Total made available less amount used in boilers .....				

1. Includes interruptible and at-will energy and energy used in electric boilers.

Net generation of electric energy  
By firms generating 10 million kwh or more per annum<sup>1</sup>

1949 - 1959

(000 kwh)

Year	Utilities			Industry			Total Net Generation
	Hydro	Thermal	Total	Hydro	Thermal	Total	
CANADA							
1949	35,783,737	1,390,562	37,174,299	n.a.	n.a.	12,889,749	50,064,048
1950	39,342,277	1,647,557	40,989,834	"	"	13,428,593	54,418,427
1951	45,819,227	1,732,652	47,551,879	"	"	13,369,527	60,921,406
1952	49,156,895	2,222,115	51,379,010	"	"	14,086,950	65,465,960
1953	49,160,361	3,797,345	52,957,706	"	"	16,400,824	69,358,530
1954	51,713,904	3,178,434	54,892,338	"	"	17,547,555	72,439,893
1955	57,996,293	3,197,153	61,193,446	"	"	18,381,161	79,574,607
1956	64,013,966	4,292,898	68,306,864	"	"	19,119,968	87,426,833
1957	65,817,043	5,572,995	71,390,038	17,155,908	1,702,865	18,858,773	90,248,811
1958	70,840,574	4,690,850	75,531,424	19,409,459	1,804,558	21,214,017	96,745,441
1959	77,251,848	5,286,315	82,538,163	19,264,444	2,040,422	21,304,866	103,843,029
NEWFOUNDLAND							
1949	6,225	-	6,225	n.a.	n.a.	933,271	939,496
1950	79,000	-	79,000	"	"	975,492	1,054,492
1951	106,185	71	106,256	"	"	925,598	1,031,854
1952	126,278	42	126,320	"	"	1,036,274	1,162,594
1953	152,400	85	152,485	"	"	1,033,038	1,185,523
1954	191,357	1,106	192,463	"	"	1,029,566	1,222,029
1955	919,173	1,501	920,674	"	"	383,534	1,304,208
1956	1,006,825	2,418	1,009,243	"	"	345,562	1,354,805
1957	965,713	12,052	977,765	339,443	38,170	377,613	1,355,378
1958	978,185	8,337	986,522	351,972	31,482	383,454	1,369,976
1959	968,526	36,007	1,004,533	350,969	18,378	369,347	1,373,880
PRINCE EDWARD ISLAND							
1949	116	25,621	25,737	n.a.	n.a.	-	25,737
1950	84	30,916	31,000	"	"	-	31,000
1951	132	33,868	34,000	"	"	-	34,000
1952	118	36,882	37,000	"	"	-	37,000
1953	18	40,982	41,000	"	"	-	41,000
1954	152	45,848	46,000	"	"	-	46,000
1955	43	50,957	51,000	"	"	-	51,000
1956	-	53,000	53,000	"	"	-	53,000
1957	-	56,755	56,755	-	-	-	56,755
1958	-	62,536	62,536	-	-	-	62,536
1959	-	70,768	70,768	-	-	-	70,768
NOVA SCOTIA							
1949	353,035	221,999	575,034	n.a.	n.a.	280,922	855,956
1950	365,784	257,967	623,751	"	"	288,627	912,378
1951	457,679	315,932	773,611	"	"	254,399	1,028,010
1952	448,180	439,964	888,144	"	"	212,406	1,100,550
1953	473,496	501,013	974,509	"	"	223,828	1,198,337
1954	538,236	535,735	1,073,971	"	"	190,761	1,264,732
1955	481,571	700,529	1,182,100	"	"	173,227	1,355,327
1956	546,214	760,409	1,306,623	"	"	157,942	1,464,565
1957	486,050	849,442	1,335,492	27,980	116,255	144,235	1,479,727
1958	612,538	794,039	1,406,577	38,805	116,512	155,317	1,561,894
1959	634,813	852,682	1,487,495	38,526	112,864	151,390	1,638,885
NEW BRUNSWICK							
1949	437,176	226,964	664,140	n.a.	n.a.	276,905	941,045
1950	470,211	249,266	719,477	"	"	298,405	1,017,882
1951	507,581	270,610	778,191	"	"	291,891	1,070,082
1952	446,039	310,715	756,754	"	"	305,548	1,062,302
1953	467,051	273,237	740,288	"	"	310,757	1,051,045
1954	647,865	195,417	843,282	"	"	330,357	1,173,639
1955	517,128	302,667	819,795	"	"	408,954	1,228,749
1956	458,180	395,507	853,687	"	"	397,256	1,250,943
1957	540,121	447,330	987,451	65,714	308,263	373,977	1,361,428
1958	1,003,624	160,909	1,164,533	63,072	317,078	380,150	1,544,683
1959	920,736	282,495	1,203,231	53,788	409,955	463,743	1,666,974
QUEBEC							
1949	18,816,677	1,324	18,818,001	n.a.	n.a.	7,501,643	26,319,644
1950	20,486,568	730	20,487,298	"	"	7,744,482	28,231,780
1951	22,882,415	2,136	22,884,551	"	"	7,664,484	30,549,035
1952	24,645,306	1,800	24,647,106	"	"	8,207,580	32,854,686
1953	24,396,949	7,093	24,404,042	"	"	10,266,935	34,670,977
1954	24,295,591	11,789	24,307,380	"	"	10,701,132	35,008,512
1955	24,404,054	13,176	24,417,230	"	"	10,902,662	35,319,892
1956	27,198,428	4,329	27,202,757	"	"	10,457,514	37,660,271
1957	28,494,732	1,647	28,496,379	9,306,848	183,577	9,490,425	37,986,804
1958	31,855,136	598	31,855,734	11,484,850	188,338	11,673,188	43,528,922
1959	33,025,336	19,093	33,044,429	11,392,264	189,465	11,581,729	44,626,158

<sup>1</sup> These firms accounted for 99.3 p.c. of total net generation in Canada in 1958, 99.1 p.c. in 1957 and 98.8 p.c. in 1956.

Figures on total production of electric energy are not available for earlier years.

Net generation of electric energy  
By firms generating 10 million kwh or more per annum<sup>1</sup>  
1949 - 1959  
(000 kwh)

Year	Utilities			Industry			Total Net Generation
	Hydro	Thermal	Total	Hydro	Thermal	Total	
ONTARIO <sup>2</sup>							
1949	11,229,854	21,352	11,251,206	n.a.	n.a.	1,653,315	12,904,521
1950	12,295,359	107,500	12,402,859	"	"	1,738,181	14,141,040
1951	15,708,252	90,483	15,798,735	"	"	1,781,822	17,580,557
1952	16,685,756	416,012	17,101,768	"	"	1,811,613	18,913,381
1953	16,290,201	1,767,181	18,057,382	"	"	1,814,732	19,872,114
1954	18,343,146	962,903	19,306,049	"	"	1,833,174	21,139,223
1955	23,273,775	416,200	23,689,975	"	"	1,909,621	25,599,596
1956	25,855,934	956,922	26,812,856	"	"	1,969,783	28,782,639
1957	26,486,070	1,484,428	27,970,498	1,407,860	604,496	2,012,356	29,982,854
1958	26,522,411	627,436	27,149,847	1,419,426	570,168	1,989,594	29,139,441
1959	30,903,636	373,381	31,277,017	1,397,860	572,251	1,970,111	33,247,128
MANITOBA							
1949	2,163,615	35	2,163,650	n.a.	n.a.	-	2,163,650
1950	2,452,596	126	2,452,722	"	"	-	2,452,722
1951	2,561,549	26	2,561,575	"	"	-	2,561,575
1952	2,695,706	23	2,695,729	"	"	-	2,695,729
1953	2,790,158	1,311	2,791,469	"	"	-	2,791,469
1954	2,933,314	3,890	2,937,204	"	"	-	2,937,204
1955	3,100,691	1,132	3,101,823	"	"	-	3,101,823
1956	3,331,119	375	3,331,494	"	"	-	3,331,494
1957	3,332,693	5,477	3,338,170	-	-	-	3,338,170
1958	3,048,777	130,439	3,179,216	32,930	1,125	34,055	3,213,271
1959	3,542,588	51,422	3,594,010	39,084	18	39,102	3,633,112
SASKATCHEWAN							
1949	491,570	349,003	840,573	n.a.	n.a.	1,354	841,927
1950	500,721	387,142	887,863	"	"	1,580	889,443
1951	516,142	452,223	968,365	"	"	16,018	984,383
1952	543,411	524,386	1,067,797	"	"	33,177	1,100,974
1953	551,505	609,914	1,161,419	"	"	34,917	1,196,336
1954	559,300	721,173	1,280,473	"	"	34,109	1,314,582
1955	569,401	839,817	1,409,218	"	"	36,483	1,445,701
1956	555,465	981,482	1,536,947	"	"	32,284	1,569,231
1957	546,148	1,118,765	1,664,913	-	27,937	27,937	1,692,850
1958	548,365	1,249,304	1,797,669	20,420	83,830	104,250	1,901,919
1959	562,075	1,425,113	1,987,188	24,098	72,932	97,030	2,084,218
ALBERTA							
1949	362,227	430,282	792,509	n.a.	n.a.	-	792,509
1950	339,291	518,091	857,382	"	"	-	857,382
1951	499,034	484,998	984,032	"	"	-	984,032
1952	757,863	387,658	1,145,521	"	"	-	1,145,521
1953	795,368	502,920	1,298,288	"	"	12,856	1,311,144
1954	854,896	629,940	1,484,836	"	"	65,151	1,549,987
1955	932,682	773,864	1,706,546	"	"	81,134	1,787,680
1956	975,357	1,020,789	1,996,146	"	"	80,307	2,076,453
1957	807,308	1,452,395	2,259,703	-	80,278	80,278	2,339,981
1958	990,543	1,491,535	2,482,078	-	124,928	124,928	2,607,006
1959	842,267	1,983,186	2,825,453	-	245,062	245,062	3,070,515
BRITISH COLUMBIA							
1949	1,923,242	113,982	2,037,224	n.a.	n.a.	2,190,820	4,228,044
1950	2,336,663	95,819	2,432,482	"	"	2,326,971	4,759,453
1951	2,562,258	82,305	2,644,563	"	"	2,382,685	5,027,248
1952	2,788,938	104,633	2,893,571	"	"	2,427,400	5,320,971
1953	3,208,215	93,609	3,301,824	"	"	2,650,727	5,952,551
1954	3,308,047	70,633	3,378,680	"	"	3,310,920	6,689,600
1955	3,740,210	96,340	3,836,550	"	"	4,432,146	8,268,696
1956	4,029,231	116,441	4,145,672	"	"	5,628,084	9,773,756
1957	4,096,154	142,688	4,238,842	5,958,085	343,889	6,301,974	10,540,816
1958	5,200,514	162,852	5,363,366	5,947,671	371,097	6,318,768	11,682,134
1959	5,752,719	183,667	5,936,386	5,920,796	419,497	6,340,293	12,276,679
YUKON AND NORTHWEST TERRITORIES							
1949	n.a.	n.a.	n.a.	n.a.	n.a.	51,519	51,519
1950	16,000	-	16,000	"	"	54,855	70,855
1951	18,000	-	18,000	"	"	52,630	70,630
1952	19,300	-	19,300	"	"	52,952	72,252
1953	35,000	-	35,000	"	"	53,034	88,034
1954	42,000	-	42,000	"	"	52,385	94,385
1955	57,565	970	58,535	"	"	53,400	111,935
1956	57,213	1,226	58,439	"	"	51,236	109,675
1957	62,054	2,016	64,070	49,978	-	49,978	114,048
1958	80,481	2,865	83,346	50,313	-	50,313	133,659
1959	99,152	8,501	107,653	47,059	-	47,059	154,712

<sup>1</sup> These firms accounted for 99.3 p.c. of total net generation in Canada in 1958, 99.1 p.c. in 1957 and 98.8 p.c. in 1956. Figures on total production of electric energy are not available for earlier years.

<sup>2</sup> Figures previously published in June, 1957 supplement have been revised.



Electric Energy Made Available

New Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Yukon and N.W.T.
(Thousand kwh.)							
84,743	3,183,651	2,835,135	341,368	51,892	101,533	550,628	9,016
28,440	451	30,817	10,635	145,310	186,893	19,535	1,159
113,183	3,184,102	2,865,952	352,003	197,202	288,426	570,163	10,175
4,692	1,151,579	129,012	3,755	2,890	-	541,821	3,309
35,295	15,770	50,413	-	4,853	20,988	46,329	-
39,987	1,167,349	179,425	3,755	7,743	20,988	588,150	3,309
153,170	4,351,451	3,045,377	355,758	204,945	309,414	1,158,313	13,484
2,926	6,847	578,591	73,426	819	1,824	559	-
113	65	14,810	-	-	-	7,453	-
3,039	6,912	593,401	73,426	819	1,824	8,012	-
-	580,125	21,060	369	54,096	1,009	1,824	-
3,720	42,263	64,312	3	-	-	113	-
9,417	6,051	275,909	-	-	-	1,346	-
13,137	628,439	361,281	372	54,096	1,009	3,283	-
143,072	3,729,924	3,277,497	428,812	151,668	310,229	1,163,042	13,484
-	547,099	57,426	69,227	-	-	14,753	1,765
143,072	3,182,825	3,220,071	359,585	151,668	310,229	1,148,289	11,719
Cumulative totals, January -							
135,948	3,724,631	2,722,665	317,846	197,882	291,588	1,094,718	13,155
1,831	6,562	543,052	54,726	820	2,371	1,651	-
9,610	547,923	226,988	324	52,293	1,169	3,092	-
128,169	3,183,270	3,038,729	372,248	146,409	292,790	1,093,277	13,155
-	416,496	40,147	8,323	-	-	11,715	2,130
128,169	2,766,774	2,998,582	363,925	146,409	292,790	1,081,562	11,025

Electric Energy Made Available

January - 1960

Month	Total net generation	Imports from United States	Exports to United States	Total made available in Canada	Total made available less amount used in boilers	Daily Average	
						Total net generation	Total made available
(Thousand kwh.)							
January .....	9,879,825	22,441	403,134	9,499,132	8,794,650	318,704	306,423
February .....							
March .....							
April .....							
May .....							
June .....							
July .....							
August .....							
September .....							
October .....							
November .....							
December .....							
Total .....							

Net generation, 1949-1960  
CANADA

Year and month	Utilities			Industry			Grand total
	Hydro	Thermal	Total	Hydro	Thermal	Total	
(Thousand kwh.)							
1949 .....	35,783,737	1,390,562	37,174,299	n.a.	n.a.	12,889,749	50,064,048
1950 .....	39,342,277	1,647,557	40,989,834	"	"	13,428,593	54,418,427
1951 .....	45,819,227	1,732,652	47,551,879	"	"	13,369,527	60,921,406
1952 .....	49,156,895	2,222,115	51,379,010	"	"	14,086,950	65,465,960
1953 .....	49,160,361	3,797,345	52,957,706	"	"	16,400,824	69,358,530
1954 .....	51,713,904	3,178,434	54,892,338	"	"	17,547,555	72,439,893
1955 .....	57,996,293	3,197,153	61,193,446	"	"	18,381,161	79,574,607
1956 .....	64,013,966	4,292,898	68,306,864	"	"	19,119,968	87,426,832
1957 .....	65,817,043	5,572,995	71,390,038	17,155,908	1,702,865	18,858,773	90,248,811
1958 .....	70,838,966	4,690,734	75,529,700	19,409,459	1,804,558	21,214,017	96,743,717
1959 Total .....	77,251,848	5,286,315	82,538,163	19,264,444	2,040,422	21,304,866	103,843,029
January .....	6,411,494	612,033	7,023,527	1,573,003	179,623	1,752,626	8,776,153
February .....	5,916,609	543,236	6,459,845	1,462,624	174,124	1,636,748	8,096,593
March .....	6,511,897	486,023	6,997,920	1,634,633	180,840	1,815,473	8,813,393
April .....	6,503,041	378,847	6,881,888	1,565,435	162,985	1,728,420	8,610,308
May .....	6,610,516	378,153	6,988,669	1,586,097	163,564	1,749,661	8,738,330
June .....	6,196,139	335,475	6,531,614	1,594,357	163,875	1,758,232	8,289,846
July .....	6,003,112	340,624	6,343,736	1,594,731	146,432	1,741,163	8,084,899
August .....	5,969,303	394,870	6,364,173	1,583,122	160,341	1,743,463	8,107,636
September .....	6,083,521	432,257	6,515,778	1,535,278	168,096	1,703,374	8,219,152
October .....	6,676,139	481,073	7,157,212	1,685,120	189,833	1,874,953	9,032,165
November .....	7,032,810	450,436	7,483,246	1,666,188	176,444	1,842,632	9,325,878
December .....	7,337,267	453,288*	7,790,555*	1,783,856*	174,265*	1,958,121*	9,748,676*
1960							
January .....	7,321,713	504,640	7,826,353	1,867,724	185,748	2,053,472	9,879,825
February .....							
March .....							
April .....							
May .....							
June .....							
July .....							
August .....							
September .....							
October .....							
November .....							
December .....							



## DOMINION BUREAU OF STATISTICS

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## ELECTRIC POWER STATISTICS

February, 1960

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Monthly electric power statistics are designed to provide current information on the production and consumption of electric energy in Canada. In order to expedite the collection and compilation of returns, the series is confined to firms which generate a minimum of 10 million kilowatt hours per annum. These firms, however, accounted for 99.3 per cent of total production in 1958.

Prior to 1957, statistics in the monthly series related only to power produced for sale. This included all of the energy produced by electric utilities but only a comparatively small amount of the generation of industrial establishments which are defined as concerns which generate electricity primarily for use in own plant. Since January 1957 when industrial establishments commenced reporting their entire production, the industrial group has accounted for approximately 21 per cent of the total production of electric energy in Canada.

Early in 1957, industrial establishments were asked to provide generation figures on the revised basis for the period 1949-1956. In some instances estimates had to be made. The results for Canada and the provinces were published as a supplement to the June 1957 report. The Supplement issued with the January 1960 report brings the provincial historical tables up to date and in line with Canada totals which are shown regularly in the monthly report.

In the electric power series, net generation is defined as total generation less the amount used in station service. Net exports to the United States are deducted from total net generation in order to arrive at the amount of electric energy made available for use in Canada. Some of the amount made available is sold as surplus or secondary power and used, for the most part, in electric boilers. As this is the only form of secondary consumption that can readily be ascertained for all provinces, energy used in electric boilers is deducted from the amount made available in order to provide a figure more closely approximating primary consumption which is recognized as the more sensitive economic indicator.

Total net generation of electric energy in Canada by firms which produce 10 million kilowatt hours or more per annum amounted to 9,429,830 megawatt hours in February 1960, a rise of 16.5 per cent over the 8,096,593 mwh. generated one year ago. Generation by utilities rose 14.5 per cent to 7,398,543 mwh. while production by industrial establishments increased 24.1 per cent to 2,031,287 mwh.

The amount of electric energy made available for use in Canada in February rose 15.3 per cent to 9,095,985 mwh. from 7,889,395 in 1959. Net exports to the United States increased 61.1 per cent with imports down 26,359 mwh. to 13,895 and exports up 100,288 mwh. to 347,740.

Electric energy used in electric boilers showed a rise of 39.9 per cent to 689,163 mwh. with the result that the amount remaining for largely non-secondary uses rose 13.7 per cent to 8,406,822 mwh. from 7,396,838.

Prepared in the Transportation and Public Utilities Section

8504-509-20



Electric Energy Made Available

February, 1960

	Canada	Newfoundland	Prince Edward Island	Nova Scotia
(Thousand kwh.)				
Net generation				
Utilities:				
Hydro	6,933,208	93,897	-	64,809
Thermal	465,335	988	6,286	66,407
Total	7,398,543	94,885	6,286	131,216
Industry:				
Hydro	1,850,431	26,202	-	3,448
Thermal	180,856	2,413	-	8,930
Total	2,031,287	28,615	-	12,378
Total net generation	9,429,830	123,500	6,286	143,594
Energy imported:				
From other provinces	xxx	-	-	-
From United States	13,895	-	-	-
Total	13,895	-	-	-
Energy exported:				
To other provinces	xxx	3,900	-	1,364
To United States - primary	101,145	-	-	-
secondary	246,595	-	-	-
Total	347,740	3,900	-	1,364
Energy made available in Canada <sup>1</sup>	9,095,985	119,600	6,286	142,230
Amount used in electric boilers	689,163	13,829	-	-
Energy made available less amount used in boilers	8,406,822	105,771	6,286	142,230

Cumulative totals, January - February, 1960

Net generation				
Utilities:				
Hydro	14,254,921	189,408	-	133,045
Thermal	970,940	3,098	13,254	138,729
Total	15,225,861	192,506	13,254	271,774
Industry:				
Hydro	3,719,886	53,302	-	7,014
Thermal	368,369	5,349	-	18,094
Total	4,088,255	58,651	-	25,108
Total net generation	19,314,116	251,157	13,254	296,882
Energy imported:				
From other provinces	xxx	-	-	-
From United States	36,336	-	-	-
Total	36,336	-	-	-
Energy exported:				
To other provinces	xxx	9,017	-	2,756
To United States - primary	211,553	-	-	-
secondary	539,322	-	-	-
Total	750,875	9,017	-	2,756
Energy made available in Canada <sup>1</sup>	18,599,577	242,140	13,254	294,126
Amount used in electric boilers	1,393,645	28,041	-	-
Energy made available less amount used in boilers	17,205,932	214,099	13,254	294,126

February, 1959

Total net generation	8,096,593	102,918	5,642	129,435
Total energy imported	40,254	-	-	-
Total energy exported	247,452	3,750	-	1,161
Total made available in Canada <sup>1</sup>	7,889,395	99,168	5,642	128,274
Amount used in electric boilers	492,557	11,733	-	-
Total made available less amount used in boilers	7,396,838	87,435	5,642	128,274

January - February, 1959

Total net generation	16,872,746	226,015	11,917	277,783
Total energy imported	79,507	-	-	-
Total energy exported	523,075	8,717	-	2,178
Total made available in Canada <sup>1</sup>	16,429,178	217,298	11,917	275,605
Amount used in electric boilers	991,478	31,843	-	-
Total made available less amount used in boilers	15,437,700	185,455	11,917	275,605

1. Includes interruptible and at-will energy and energy used in electric boilers.

Electric Energy Made Available  
February, 1960

New Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Yukon and N.W.T.
(Thousand kwh.)							
68,363	3,050,243	2,682,129	318,849	49,197	84,064	513,520	8,137
33,342	1,882	14,870	7,988	133,690	181,129	17,677	1,076
101,705	3,052,125	2,696,999	326,837	182,887	265,193	531,197	9,213
3,184	1,167,536	118,391	3,731	2,721	-	522,198	3,020
38,722	14,937	50,293	-	4,530	21,142	39,889	-
41,906	1,182,473	168,684	3,731	7,251	21,142	562,087	3,020
143,611	4,234,598	2,865,683	330,568	190,138	286,335	1,093,284	12,233
2,677	5,352	559,219	68,772	732	1,446	651	-
120	52	11,732	-	-	-	1,991	-
2,797	5,404	570,951	68,772	732	1,446	2,642	-
-	560,532	18,981	332	51,243	1,051	1,446	-
3,480	39,105	58,455	-	-	-	105	-
8,294	4,734	232,100	3	-	-	1,464	-
11,774	604,371	309,536	335	51,243	1,051	3,015	-
134,634	3,635,631	3,127,098	399,005	139,627	286,730	1,092,911	12,233
-	552,077	57,195	48,346	-	-	16,086	1,630
134,634	3,083,554	3,069,903	350,659	139,627	286,730	1,076,825	10,603

Cumulative totals, January - February, 1960

153,106	6,233,894	5,517,264	660,217	101,089	185,597	1,064,148	17,153
61,782	2,333	45,687	18,623	279,000	368,936	37,263	2,235
214,888	6,236,227	5,562,951	678,840	380,089	554,533	1,101,411	19,388
7,876	2,319,642	248,555	7,486	5,611	-	1,064,071	6,329
74,017	30,707	102,471	-	9,383	42,130	86,218	-
81,893	2,350,349	351,026	7,486	14,994	42,130	1,150,289	6,329
296,781	8,586,576	5,913,977	686,326	395,083	596,663	2,251,700	25,717
5,603	12,199	1,137,810	141,412	1,426	3,270	1,210	-
233	117	26,542	-	-	-	9,444	-
5,836	12,316	1,164,352	141,412	1,426	3,270	10,654	-
-	1,140,657	39,255	701	105,339	1,935	3,270	-
7,200	81,368	122,767	-	-	-	218	-
17,711	10,785	508,009	7	-	-	2,810	-
24,911	1,232,810	670,031	708	105,339	1,935	6,298	-
277,706	7,366,082	6,408,298	827,030	291,170	597,998	2,256,056	25,717
-	1,099,176	114,621	117,573	-	-	30,839	3,395
277,706	6,266,906	6,293,677	709,457	291,170	597,998	2,225,217	22,322
123,633	3,481,789	2,487,247	319,577	173,017	258,423	1,003,588	11,324
1,587	5,157	522,132	47,489	819	668	1,774	-
6,450	524,692	200,549	282	47,026	1,300	1,614	-
118,770	2,962,254	2,808,830	366,784	126,810	257,791	1,003,748	11,324
-	384,463	37,578	42,028	-	-	15,012	1,743
118,770	2,577,791	2,771,252	324,756	126,810	257,791	988,736	9,581
259,581	7,206,420	5,209,912	637,423	370,899	550,011	2,098,306	24,479
3,418	11,719	1,065,184	102,215	1,639	3,039	3,425	-
16,060	1,072,615	427,537	606	99,319	2,469	4,706	-
246,939	6,145,524	5,847,559	739,032	273,219	550,581	2,097,025	24,479
-	800,959	77,725	50,351	-	-	26,727	3,873
246,939	5,344,565	5,769,834	688,681	273,219	550,581	2,070,298	20,606

# Electric Energy Made Available

January - February, 1960

Month	Total net generation	Imports from United States	Exports to United States	Total made available in Canada	Total made available less amount used in boilers	Daily Average	
						Total net generation	Total made available
(Thousand kwh.)							
	*		*	*	*	*	*
January .....	9,884,286	22,441	403,135	9,503,592	8,799,110	318,848	306,567
February .....	9,429,830	13,895	347,740	9,095,985	8,406,822	325,166	313,655
March .....							
April .....							
May .....							
June .....							
July .....							
August .....							
September .....							
October .....							
November .....							
December .....							
Total .....							

## Net generation, 1949-1960 CANADA

Year and month	Utilities			Industry			Grand total
	Hydro	Thermal	Total	Hydro	Thermal	Total	
(Thousand kwh.)							
1949 .....	35,783,737	1,390,562	37,174,299	n.a.	n.a.	12,889,749	50,064,048
1950 .....	39,342,277	1,647,557	40,989,834	"	"	13,428,593	54,418,427
1951 .....	45,819,227	1,732,652	47,551,879	"	"	13,369,527	60,921,406
1952 .....	49,156,895	2,222,115	51,379,010	"	"	14,086,950	65,465,960
1953 .....	49,160,361	3,797,345	52,957,706	"	"	16,400,824	69,358,530
1954 .....	51,713,904	3,178,434	54,892,338	"	"	17,547,555	72,439,893
1955 .....	57,996,293	3,197,153	61,193,446	"	"	18,381,161	79,574,607
1956 .....	64,013,966	4,292,898	68,306,864	"	"	19,119,968	87,426,832
1957 .....	68,817,043	5,572,995	74,390,038	17,155,908	1,702,865	18,858,773	90,248,811
1958 .....	70,838,966	4,690,734	75,529,700	19,409,459	1,804,558	21,214,017	96,743,717
1959 Total .....	77,251,848	5,286,315	82,538,163	19,264,444	2,040,422	21,304,866	103,843,029
January .....	6,411,494	612,033	7,023,527	1,573,003	179,623	1,752,626	8,776,153
February .....	5,916,609	543,236	6,459,845	1,462,624	174,124	1,636,748	8,096,593
March .....	6,511,897	486,023	6,997,920	1,634,633	180,840	1,815,473	8,813,393
April .....	6,503,041	378,847	6,881,888	1,565,435	162,985	1,728,420	8,610,308
May .....	6,610,516	378,153	6,988,669	1,586,097	163,564	1,749,661	8,738,330
June .....	6,196,139	335,475	6,531,614	1,594,357	163,875	1,758,232	8,289,846
July .....	6,003,112	340,624	6,343,736	1,594,731	146,432	1,741,163	8,084,899
August .....	5,966,303	394,870	6,361,173	1,583,122	160,341	1,743,463	8,107,636
September .....	6,083,521	432,257	6,515,778	1,535,278	168,096	1,703,374	8,219,152
October .....	6,676,139	481,073	7,157,212	1,685,120	189,833	1,874,953	9,032,165
November .....	7,032,810	450,436	7,483,246	1,666,188	176,444	1,842,632	9,325,878
December .....	7,337,267	453,288	7,790,555	1,783,856	174,265	1,958,121	9,748,676
1960							
January .....	7,321,713	* 505,605	* 7,827,318	* 1,869,455	* 187,513	* 2,056,968	* 9,884,286
February .....	6,933,208	465,335	7,398,543	1,850,431	180,856	2,031,287	9,429,830
March .....							
April .....							
May .....							
June .....							
July .....							
August .....							
September .....							
October .....							
November .....							
December .....							





## DOMINION BUREAU OF STATISTICS

OTTAWA - CANADA

Published by Authority of the Hon. Gordon Churchill, Minister of Trade and Commerce

Vol. 28 No. 3

## ELECTRIC POWER STATISTICS

March, 1960

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UNIVERSITY OF TORONTO

Price: \$1.00 per year

Monthly electric power statistics are designed to provide current information on the production and consumption of electric energy in Canada. In order to expedite the collection and compilation of returns, the series is confined to firms which generate a minimum of 10 million kilowatt hours per annum. These firms, however, accounted for 99.3 per cent of total production in 1958.

Prior to 1957, statistics in the monthly series related only to power produced for sale. This included all of the energy produced by electric utilities but only a comparatively small amount of the generation of industrial establishments which are defined as concerns which generate electricity primarily for use in own plant. Since January 1957 when industrial establishments commenced reporting their entire production, the industrial group has accounted for approximately 21 per cent of the total production of electric energy in Canada.

Early in 1957, industrial establishments were asked to provide generation figures on the revised basis for the period 1949-1956. In some instances estimates had to be made. The results for Canada and the provinces were published as a supplement to the June 1957 report. The Supplement issued with the January 1960 report brings the provincial historical tables up to date and in line with Canada totals which are shown regularly in the monthly report.

In the electric power series, net generation is defined as total generation less the amount used in station service. Net exports to the United States are deducted from total net generation in order to arrive at the amount of electric energy made available for use in Canada. Some of the amount made available is sold as surplus or secondary power and used, for the most part, in electric boilers. As this is the only form of secondary consumption that can readily be ascertained for all provinces, energy used in electric boilers is deducted from the amount made available in order to provide a figure more closely approximating primary consumption which is recognized as the more sensitive economic indicator.

Total net generation of electric energy in Canada by firms which produce 10 million kilowatt hours or more per annum amounted to 10,068,585 megawatt hours in March, 1960, a rise of 14.2 per cent over the 8,813,393 mwh. generated one year ago. Generation by utilities rose 17.2 per cent to 7,818,369 mwh. while production by industrial establishments increased 23.9 per cent to 2,250,216 mwh.

The amount of electric energy made available for use in Canada in March rose 14.2 per cent to 9,722,340 mwh. from 8,514,811 in 1959. Net exports to the United States increased 16.0 per cent with imports up 20,222 mwh. to 61,292 and exports up 67,885 to 407,537.

Electric energy used in electric boilers showed a rise of 24.5 per cent to 755,506 mwh. with the result that the amount remaining for largely non-secondary uses increased 13.4 per cent to 8,966,834 mwh. from 7,907,845.

Prepared in the Public Utilities Section

506-506-30

# Electric Energy Made Available

March, 1960

	Canada	Newfoundland	Prince Edward Island	Nova Scotia
(Thousand kwh.)				
Net generation				
Utilities:				
Hydro .....	7,291,110	100,870	-	71,423
Thermal .....	527,259	554	6,633	69,350
Total .....	7,818,369	101,424	6,633	140,773
Industry:				
Hydro .....	2,028,749	27,415	-	3,872
Thermal .....	221,467	3,094	-	9,249
Total .....	2,250,216	30,509	-	13,121
Total net generation .....	10,068,585	131,933	6,633	153,894
Energy imported:				
From other provinces .....	xxx	-	-	-
From United States .....	61,292	-	-	-
Total .....	61,292	-	-	-
Energy exported:				
To other provinces .....	xxx	6,418	-	1,372
To United States - primary .....	107,688	-	-	-
secondary .....	299,849	-	-	-
Total .....	407,537	6,418	-	1,372
Energy made available in Canada <sup>1</sup> .....	9,722,340	125,515	6,633	152,522
Amount used in electric boilers .....	755,506	12,558	-	-
Energy made available less amount used in boilers .....	8,966,834	112,957	6,633	152,522

Cumulative totals, January - March, 1960

Net generation				
Utilities:				
Hydro .....	21,546,031	290,278	-	204,468
Thermal .....	1,499,460	3,652	19,887	208,079
Total .....	23,045,491	293,930	19,887	412,547
Industry:				
Hydro .....	5,760,746	82,105	-	10,886
Thermal .....	596,938	8,443	-	27,343
Total .....	6,357,684	90,548	-	38,229
Total net generation .....	29,403,175	384,478	19,887	450,776
Energy imported:				
From other provinces .....	xxx	-	-	-
From United States .....	97,628	-	-	-
Total .....	97,628	-	-	-
Energy exported:				
To other provinces .....	xxx	16,824	-	4,128
To United States - primary .....	319,245	-	-	-
secondary .....	839,167	-	-	-
Total .....	1,158,412	16,824	-	4,128
Energy made available in Canada <sup>1</sup> .....	28,342,391	367,654	19,887	446,648
Amount used in electric boilers .....	2,129,175	40,599	-	-
Energy made available less amount used in boilers .....	26,213,216	327,055	19,887	446,648

March, 1959

Total net generation .....	8,813,393	116,725	5,838	139,224
Total energy imported .....	41,070	-	-	-
Total energy exported .....	339,652	4,702	-	1,214
Total made available in Canada <sup>1</sup> .....	8,514,811	112,023	5,838	138,010
Amount used in electric boilers .....	606,966	15,718	-	-
Total made available less amount used in boilers .....	7,907,845	96,305	5,838	138,010

January - March, 1959

Total net generation .....	25,686,139	342,740	17,755	417,007
Total energy imported .....	120,577	-	-	-
Total energy exported .....	862,727	13,419	-	3,392
Total made available in Canada <sup>1</sup> .....	24,943,989	329,321	17,755	413,615
Amount used in electric boilers .....	1,598,444	47,561	-	-
Total made available less amount used in boilers .....	23,345,545	281,760	17,755	413,615

1. Includes interruptible and at-will energy and energy used in electric boilers.

Electric Energy Made Available

March, 1960

New Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Yukon and N.W.T.
(Thousand kwh.)							
63,101	3,221,433	2,865,504	337,961	52,505	68,861	500,836	8,616
45,720	9,289	21,197	8,023	139,549	207,105	18,740	1,099
108,821	3,230,722	2,886,701	345,984	192,054	275,966	519,576	9,715
2,738	1,294,177	132,461	3,735	2,992	-	558,131	3,228
42,280	19,646	55,515	-	4,713	28,311	58,659	-
45,018	1,313,823	187,976	3,735	7,705	28,311	616,790	3,228
153,839	4,544,545	3,074,677	349,719	199,759	304,277	1,136,366	12,943
1,731	8,042	609,424	71,802	583	1,413	486	-
155	52	16,330	-	-	-	44,755	-
1,886	8,094	625,754	71,802	583	1,413	45,241	-
-	609,782	18,805	321	54,621	749	1,413	-
3,720	42,293	61,545	-	-	-	130	-
8,847	6,674	283,867	3	-	-	458	-
12,567	658,749	364,217	324	54,621	749	2,001	-
143,158	3,893,890	3,336,214	421,197	145,721	304,941	1,179,606	12,943
-	606,951	63,534	55,408	-	-	15,329	1,726
143,158	3,286,939	3,272,680	365,789	145,721	304,941	1,164,277	11,217

Cumulative totals, January - March, 1960

216,207	9,455,327	8,382,768	998,178	153,594	254,458	1,564,984	25,769
107,502	11,622	66,884	26,646	418,549	577,302	56,003	3,334
323,709	9,466,949	8,449,652	1,024,824	572,143	831,760	1,620,987	29,103
10,614	3,613,819	391,739	11,221	8,603	-	1,622,202	9,557
116,297	57,455	157,986	-	14,096	70,441	144,877	-
126,911	3,671,274	549,725	11,221	22,699	70,441	1,767,079	9,557
450,620	13,138,223	8,999,377	1,036,045	594,842	902,201	3,388,066	38,660
7,334	21,630	1,747,234	213,214	1,896	4,683	1,696	-
388	169	42,872	-	-	-	54,199	-
7,722	21,799	1,790,106	213,214	1,896	4,683	55,895	-
-	1,750,439	58,060	1,022	159,960	2,571	4,683	-
10,920	123,661	184,312	-	-	-	352	-
26,558	17,459	791,876	10	-	-	3,264	-
37,478	1,891,559	1,034,248	1,032	159,960	2,571	8,299	-
420,864	11,268,463	9,755,235	1,248,227	436,778	904,313	3,435,662	38,660
-	1,707,054	178,155	152,078	-	-	46,168	5,121
420,864	9,561,409	9,577,080	1,096,149	436,778	904,313	3,389,494	33,539
128,882	3,848,304	2,739,305	321,937	174,789	252,634	1,073,040	12,715
1,997	6,272	565,549	58,047	652	1,491	1,737	-
6,586	573,923	292,284	233	51,969	563	2,853	-
124,293	3,280,653	3,012,570	379,751	123,472	253,562	1,071,924	12,715
-	486,806	40,267	52,519	-	-	9,300	2,356
124,293	2,793,847	2,972,303	327,232	123,472	253,562	1,062,624	10,359
388,463	11,054,724	7,949,217	959,360	545,688	802,645	3,171,346	37,194
5,415	17,991	1,630,733	160,262	2,291	4,530	5,162	-
22,646	1,646,538	719,821	839	151,288	3,032	7,559	-
371,232	9,426,177	8,860,129	1,118,783	396,691	804,143	3,168,949	37,194
-	1,287,765	117,992	102,870	-	-	36,027	6,229
371,232	8,138,412	8,742,137	1,015,913	396,691	804,143	3,132,922	30,965



Electric Energy Made Available

January - March, 1960

Month	Total net generation	Imports from United States	Exports to United States	Total made available in Canada	Total made available less amount used in boilers	Daily Average	
						Total net generation	Total made available
(Thousand kwh.)							
January .....	* 9,893,665	22,441	403,135	* 9,512,971	* 8,808,489	* 319,150	* 306,870
February .....	* 9,440,925	13,895	347,740	* 9,107,080	* 8,416,990	* 325,548	* 314,037
March .....	10,068,585	61,292	407,537	9,722,340	8,966,834	324,793	313,624
April .....							
May .....							
June .....							
July .....							
August .....							
September .....							
October .....							
November .....							
December .....							
Total .....							

Net generation, 1949-1960  
CANADA

Year and month	Utilities			Industry			Grand total
	Hydro	Thermal	Total	Hydro	Thermal	Total	
(Thousand kwh.)							
1949 .....	35,783,737	1,390,562	37,174,299	n.a.	n.a.	12,889,749	50,064,048
1950 .....	39,342,277	1,647,557	40,989,834	"	"	13,428,593	54,418,427
1951 .....	45,819,227	1,732,652	47,551,879	"	"	13,369,527	60,921,406
1952 .....	49,156,895	2,222,115	51,379,010	"	"	14,086,950	65,465,960
1953 .....	49,160,361	3,797,345	52,957,706	"	"	16,400,824	69,358,530
1954 .....	51,713,904	3,178,434	54,892,338	"	"	17,547,555	72,439,893
1955 .....	57,996,293	3,197,153	61,193,446	"	"	18,381,161	79,574,607
1956 .....	64,013,966	4,292,898	68,306,864	"	"	19,119,968	87,426,832
1957 .....	65,817,043	5,572,995	71,390,038	17,155,908	1,702,865	18,858,773	90,248,811
1958 .....	70,838,966	4,690,734	75,529,700	19,409,459	1,804,558	21,214,017	96,743,717
1959 Total .....	77,251,848	5,286,315	82,538,163	19,264,444	2,040,422	21,304,866	103,843,029
January .....	6,411,494	612,033	7,023,527	1,573,003	179,623	1,752,626	8,776,153
February .....	5,916,609	543,236	6,459,845	1,462,624	174,124	1,636,748	8,096,593
March .....	6,511,897	486,023	6,997,920	1,634,633	180,840	1,815,473	8,813,393
April .....	6,503,041	378,847	6,881,888	1,565,435	162,985	1,728,420	8,610,308
May .....	6,610,516	378,153	6,988,669	1,586,097	163,564	1,749,661	8,738,330
June .....	6,196,139	335,475	6,531,614	1,594,357	163,875	1,758,232	8,289,846
July .....	6,003,112	340,624	6,343,736	1,594,731	146,432	1,741,163	8,084,899
August .....	5,969,303	394,870	6,364,173	1,583,122	160,341	1,743,463	8,107,636
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November .....	7,032,810	450,436	7,483,246	1,666,188	176,444	1,842,632	9,325,878
December .....	7,337,267	453,288	7,790,555	1,783,856	174,265	1,958,121	9,748,676
1960							
January .....	7,321,713	505,605	7,827,318	* 1,875,005	* 191,342	* 2,066,347	* 9,893,665
February .....	6,933,208	* 466,596	* 7,399,804	* 1,856,992	* 184,129	* 2,041,121	* 9,440,925
March .....	7,291,110	527,259	7,818,369	2,028,749	221,467	2,250,216	10,068,585
April .....							
May .....							
June .....							
July .....							
August .....							
September .....							
October .....							
November .....							
December .....							

\* Revised



## DOMINION BUREAU OF STATISTICS

OTTAWA - CANADA

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## ELECTRIC POWER STATISTICS

1960

★ April, 1960

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Total net generation of electric energy in Canada by firms which produce 10 million kilowatt hours or more per annum amounted to 9,411,820 megawatt hours in April, 1960, a rise of 9.3 per cent over the 8,610,308 mwh. generated one year ago. Generation by utilities rose 6.0 per cent to 7,296,664 mwh. while production by industrial establishments increased 22.4 per cent to 2,115,156 mwh.

The amount of electric energy made available for use in Canada in April rose 8.8 per cent to 8,987,815 mwh. from 8,263,087 in 1959. Net exports to the United States increased 22.1 per cent with imports down 34,146 mwh. to 23,442 and exports up 42,638 to 447,447.

Electric energy used in electric boilers showed a rise of 8.2 per cent to 92,963 mwh. with the result that the amount remaining for largely non-secondary uses increased 8.8 per cent to 8,294,852 from 7,622,588.

Prepared in the Public Utilities Section

506-506-40

Electric Energy Made Available  
April, 1960

	Canada	Newfoundland	Prince Edward Island	Nova Scotia
	(Thousand kwh.)			
Net generation				
Utilities:				
Hydro .....	6,884,069	87,678	-	67,558
Thermal .....	412,595	339	5,952	61,458
Total .....	7,296,664	88,017	5,952	129,016
Industry:				
Hydro .....	1,929,442	30,468	-	3,691
Thermal .....	185,714	1,540	-	8,597
Total .....	2,115,156	32,008	-	12,288
Total net generation .....	9,411,820	120,025	5,952	141,304
Energy imported:				
From other provinces .....	xxx	-	-	-
From United States .....	23,442	-	-	-
Total .....	23,442	-	-	-
Energy exported:				
To other provinces .....	xxx	7,139	-	1,244
To United States - primary .....	99,638	-	-	-
secondary .....	347,809	-	-	-
Total .....	447,447	7,139	-	1,244
Energy made available in Canada <sup>1</sup> .....	8,987,815	112,886	5,952	140,060
Amount used in electric boilers .....	692,963	4,458	-	-
Energy made available less amount used in boilers .....	8,294,852	108,428	5,952	140,060

Cumulative totals, January - April, 1960

Net generation				
Utilities:				
Hydro .....	28,430,100	377,956	-	272,026
Thermal .....	1,912,055	3,991	25,839	269,537
Total .....	30,342,155	381,947	25,839	541,563
Industry:				
Hydro .....	7,690,188	112,573	-	14,577
Thermal .....	782,652	9,983	-	35,940
Total .....	8,472,840	122,556	-	50,517
Total net generation .....	38,814,995	504,503	25,839	592,080
Energy imported:				
From other provinces .....	xxx	-	-	-
From United States .....	121,070	-	-	-
Total .....	121,070	-	-	-
Energy exported:				
To other provinces .....	xxx	23,963	-	5,372
To United States - primary .....	418,883	-	-	-
secondary .....	1,186,976	-	-	-
Total .....	1,605,859	23,963	-	5,372
Energy made available in Canada <sup>1</sup> .....	37,330,206	480,540	25,839	586,708
Amount used in electric boilers .....	2,822,138	45,057	-	-
Energy made available less amount used in boilers .....	34,508,068	435,483	25,839	586,708
April, 1959				
Total net generation .....	8,610,308	117,069	5,278	135,739
Total energy imported .....	57,588	-	-	-
Total energy exported .....	404,809	4,354	-	1,150
Total made available in Canada <sup>1</sup> .....	8,263,087	112,715	5,278	134,589
Amount used in electric boilers .....	640,499	15,652	-	-
Total made available less amount used in boilers .....	7,622,588	97,063	5,278	134,589
January - April, 1959				
Total net generation .....	34,296,447	459,809	23,033	552,746
Total energy imported .....	178,165	-	-	-
Total energy exported .....	1,267,536	17,773	-	4,542
Total made available in Canada <sup>1</sup> .....	33,207,076	442,036	23,033	548,204
Amount used in electric boilers .....	2,238,943	63,213	-	-
Total made available less amount used in boilers .....	30,968,133	378,823	23,033	548,204

1. Includes interruptible and at-will energy and energy used in electric boilers.



Electric Energy Made Available

April, 1960

New Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Yukon and N.W.T.
(Thousand kwh.)							
96,496	2,920,881	2,805,531	308,690	48,657	59,377	480,877	8,324
14,482	7,324	4,410	77	121,356	181,090	15,053	1,054
110,978	2,928,205	2,809,941	308,767	170,013	240,467	495,930	9,378
7,150	1,212,888	120,287	3,533	3,000	-	545,117	3,308
32,442	20,470	50,805	-	4,814	24,788	42,258	-
39,592	1,233,358	171,092	3,533	7,814	24,788	587,375	3,308
150,570	4,161,563	2,981,033	312,300	177,827	265,255	1,083,305	12,686
1,693	8,650	444,703	64,252	580	2,628	204	-
11	52	21,670	-	-	-	1,709	-
1,704	8,702	466,373	64,252	580	2,628	1,913	-
-	445,152	14,602	305	51,161	479	2,628	-
3,600	41,672	54,247	-	-	-	119	-
13,455	1,420	331,640	3	-	-	1,291	-
17,055	488,244	400,489	308	51,161	479	4,038	-
135,219	3,682,021	3,046,917	376,244	127,246	267,404	1,081,180	12,686
429	572,512	51,939	51,245	-	-	9,909	2,471
134,790	3,109,509	2,994,978	324,999	127,246	267,404	1,071,271	10,215
Cumulative totals, January - April, 1960							
312,703	12,376,208	11,188,299	1,306,868	202,251	313,835	2,045,861	34,093
121,984	18,946	71,294	26,723	539,905	758,392	71,056	4,388
434,687	12,395,154	11,259,593	1,333,591	742,156	1,072,227	2,116,917	38,481
17,764	4,826,707	512,026	14,754	11,603	-	2,167,319	12,865
148,739	77,925	208,791	-	18,910	95,229	187,135	-
166,503	4,904,632	720,817	14,754	30,513	95,229	2,354,454	12,865
601,190	17,299,786	11,980,410	1,348,345	772,669	1,167,456	4,471,371	51,346
9,027	30,280	2,191,937	277,466	2,476	7,311	1,900	-
399	221	64,542	-	-	-	55,908	-
9,426	30,501	2,256,479	277,466	2,476	7,311	57,808	-
-	2,195,591	72,662	1,327	211,121	3,050	7,311	-
14,520	165,333	238,559	-	-	-	471	-
40,013	18,879	1,123,516	13	-	-	4,555	-
54,533	2,379,803	1,434,737	1,340	211,121	3,050	12,337	-
556,083	14,950,484	12,802,152	1,624,471	564,024	1,171,717	4,516,842	51,346
429	2,279,566	230,094	203,323	-	-	56,077	7,592
555,654	12,670,918	12,572,058	1,421,148	564,024	1,171,717	4,460,775	43,754
140,340	3,671,949	2,815,136	299,888	167,171	239,576	1,006,407	11,755
2,414	6,012	473,048	53,419	626	4,187	1,183	-
17,797	458,460	349,431	228	50,979	413	5,298	-
24,957	3,219,501	2,938,753	353,079	116,818	243,350	1,002,292	11,755
356	511,394	64,686	41,920	-	-	4,809	1,682
24,601	2,708,107	2,874,067	311,159	116,818	243,350	997,483	10,073
28,803	14,726,673	10,764,353	1,259,248	712,859	1,042,221	4,177,753	48,949
7,829	24,003	2,103,781	213,681	2,917	8,717	6,345	-
40,443	2,104,998	1,069,252	1,067	202,267	3,445	12,857	-
96,189	12,645,678	11,798,882	1,471,862	513,509	1,047,493	4,171,241	48,949
356	1,799,159	182,678	144,790	-	-	40,836	7,911
95,833	10,846,519	11,616,204	1,327,072	513,509	1,047,493	4,130,405	41,038

# Electric Energy Made Available

January - April, 1960

Month	Total net generation	Imports from United States	Exports to United States	Total made available in Canada	Total made available less amount used in boilers	Daily Average	
						Total net generation	Total made available
(Thousand kwh.)							
January .....	9,893,665	22,441	403,135	9,512,971	8,829,329*	319,150	306,870
February .....	9,440,925	13,895	347,740	9,107,080	8,416,990	325,548	314,037
March .....	10,068,585	61,292	407,537	9,722,340	8,966,834	324,793	313,624
April .....	9,411,820	23,442	447,447	8,987,815	8,294,852	313,727	299,594
May .....							
June .....							
July .....							
August .....							
September .....							
October .....							
November .....							
December .....							
Total .....							

## Net generation, 1949-1960 CANADA

Year and month	Utilities			Industry			Grand total
	Hydro	Thermal	Total	Hydro	Thermal	Total	
(Thousand kwh.)							
1949 .....	35,783,737	1,390,562	37,174,299	n.a.	n.a.	12,889,749	50,064,048
1950 .....	39,342,277	1,647,557	40,989,834	"	"	13,428,593	54,418,427
1951 .....	45,819,227	1,732,652	47,551,879	"	"	13,369,527	60,921,406
1952 .....	49,156,895	2,222,115	51,379,010	"	"	14,086,950	65,465,960
1953 .....	49,160,361	3,797,345	52,957,706	"	"	16,400,824	69,358,530
1954 .....	51,713,904	3,178,434	54,892,338	"	"	17,547,555	72,439,893
1955 .....	57,996,293	3,197,153	61,193,446	"	"	18,381,161	79,574,607
1956 .....	64,013,966	4,292,898	68,306,864	"	"	19,119,968	87,426,832
1957 .....	65,817,043	5,572,995	71,390,038	17,155,908	1,702,865	18,858,773	90,248,811
1958 .....	70,838,966	4,690,734	75,529,700	19,409,459	1,804,558	21,214,017	96,743,717
1959 Total .....	77,251,848	5,286,315	82,538,163	19,264,444	2,040,422	21,304,866	103,843,029
January .....	6,411,494	612,033	7,023,527	1,573,003	179,623	1,752,626	8,776,153
February .....	5,916,609	543,236	6,459,845	1,462,624	174,124	1,636,748	8,096,593
March .....	6,511,897	486,023	6,997,920	1,634,633	180,840	1,815,473	8,813,393
April .....	6,503,041	378,847	6,881,888	1,565,435	162,985	1,728,420	8,610,308
May .....	6,610,516	378,153	6,988,669	1,586,097	163,564	1,749,661	8,738,330
June .....	6,196,139	335,475	6,531,614	1,594,357	163,875	1,758,232	8,289,846
July .....	6,003,112	340,624	6,343,736	1,594,731	146,432	1,741,163	8,084,899
August .....	5,969,303	394,870	6,364,173	1,583,122	160,341	1,743,463	8,107,636
September .....	6,083,521	432,257	6,515,778	1,535,278	168,096	1,703,374	8,219,152
October .....	6,676,139	481,073	7,157,212	1,685,120	189,833	1,874,953	9,032,165
November .....	7,032,810	450,436	7,483,246	1,666,188	176,444	1,842,632	9,325,878
December .....	7,337,267	453,288	7,790,555	1,783,856	174,265	1,958,121	9,748,676
1960							
January .....	7,321,713	505,605	7,827,318	1,875,005	191,342	2,066,347	9,893,665
February .....	6,933,208	466,596	7,399,804	1,856,992	184,129	2,041,121	9,440,925
March .....	7,291,110	527,259	7,818,369	2,028,749	221,467	2,250,216	10,068,585
April .....	6,884,069	412,595	7,296,664	1,929,442	185,714	2,115,156	9,411,820
May .....							
June .....							
July .....							
August .....							
September .....							
October .....							
November .....							
December .....							

\* Revised.



## DOMINION BUREAU OF STATISTICS

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## ELECTRIC POWER STATISTICS

May, 1960

Monthly electric power statistics are designed to provide current information on the production and consumption of electric energy in Canada. In order to expedite the collection and compilation of returns, the series is confined to firms which generate a minimum of 10 million kilowatt hours per annum. These firms, however, accounted for 99.3 per cent of total production in 1958.

Prior to 1957, statistics in the monthly series related only to power produced for sale. This included all of the energy produced by electric utilities but only a comparatively small amount of the generation of industrial establishments which are defined as concerns which generate electricity primarily for use in own plant. Since January 1957 when industrial establishments commenced reporting their entire production, the industrial group has accounted for approximately 21 per cent of the total production of electric energy in Canada.

Early in 1957, industrial establishments were asked to provide generation figures on the revised basis for the period 1949-1956. In some instances estimates had to be made. The results for Canada and the provinces were published as a supplement to the June 1957 report. The Supplement issued with the January 1960 report brings the provincial historical tables up to date and in line with Canada totals which are shown regularly in the monthly report.

In the electric power series, net generation is defined as total generation less the amount used in station service. Net exports to the United States are deducted from total net generation in order to arrive at the amount of electric energy made available for use in Canada. Some of the amount made available is sold as surplus or secondary power and used, for the most part, in electric boilers. As this is the only form of secondary consumption that can readily be ascertained for all provinces, energy used in electric boilers is deducted from the amount made available in order to provide a figure more closely approximating primary consumption which is recognized as the more sensitive economic indicator.

Total net generation of electric energy in Canada by firms, which produce 10 million kilowatt hours or more per annum, amounted to 9,367,828 megawatt hours in May, 1960, a rise of 7.2 per cent over the 8,738,330 mwh. generated one year ago. Generation by utilities rose 5.8 per cent to 7,391,110 mwh. while production by industrial establishments increased 13.0 per cent to 1,976,718 mwh.

The amount of electric energy made available for use in Canada in May rose 4.9 per cent to 8,856,858 mwh. from 8,205,788 in 1959. Net exports to the United States decreased 4.1 per cent with imports down 46,612 mwh. to 25,504 and exports down 68,184 to 536,474.

Electric energy used in electric boilers showed a decline of 4.9 per cent to 578,381 mwh. with the result that the amount remaining for largely non-secondary uses increased 9.0 per cent to 8,278,477 from 7,597,859.

Prepared in the Public Utilities Section

506-506-50



Electric Energy Made Available

May, 1960

	Canada	Newfoundland	Prince Edward Island	Nova Scotia
(Thousand kwh.)				
Net generation				
Utilities:				
Hydro .....	6,987,146	86,836	-	58,889
Thermal .....	403,964	328	5,865	65,783
Total .....	7,391,110	87,164	5,865	124,672
Industry:				
Hydro .....	1,778,286	33,371	-	3,803
Thermal .....	198,432	1,796	-	8,802
Total .....	1,976,718	35,167	-	12,605
Total net generation .....	9,367,828	122,331	5,865	137,277
Energy imported:				
From other provinces .....	xxx	-	-	-
From United States .....	25,504	-	-	-
Total .....	25,504	-	-	-
Energy exported:				
To other provinces .....	xxx	6,838	-	1,104
To United States - primary .....	109,476	-	-	-
secondary .....	426,998	-	-	-
Total .....	536,474	6,838	-	1,104
Energy made available in Canada <sup>1</sup> .....	8,856,858	115,493	5,865	136,173
Amount used in electric boilers .....	578,381	5,063	-	-
Energy made available less amount used in boilers .....	8,278,477	110,430	5,865	136,173

Cumulative totals, January - May, 1960

Net generation				
Utilities:				
Hydro .....	35,417,246	464,792	-	330,915
Thermal .....	2,316,019	4,319	31,704	335,320
Total .....	37,733,265	469,111	31,704	666,235
Industry:				
Hydro .....	9,468,474	145,944	-	18,380
Thermal .....	981,084	11,779	-	44,742
Total .....	10,449,558	157,723	-	63,122
Total net generation .....	48,182,823	626,834	31,704	729,357
Energy imported:				
From other provinces .....	xxx	-	-	-
From United States .....	146,574	-	-	-
Total .....	146,574	-	-	-
Energy exported:				
To other provinces .....	xxx	30,801	-	6,476
To United States - primary .....	528,359	-	-	-
secondary .....	1,613,974	-	-	-
Total .....	2,142,333	30,801	-	6,476
Energy made available in Canada <sup>1</sup> .....	46,187,064	596,033	31,704	722,881
Amount used in electric boilers .....	3,400,519	50,120	-	-
Energy made available less amount used in boilers .....	42,786,545	545,913	31,704	722,881

May, 1959

Total net generation .....	8,738,330	117,425	5,307	127,707
Total energy imported .....	72,116	-	-	-
Total energy exported .....	604,658	4,598	-	1,030
Total made available in Canada <sup>1</sup> .....	8,205,788	112,827	5,307	126,677
Amount used in electric boilers .....	607,929	13,000	-	-
Total made available less amount used in boilers .....	7,597,859	99,827	5,307	126,677

January - May, 1959

Total net generation .....	43,034,777	577,234	28,340	680,453
Total energy imported .....	250,281	-	-	-
Total energy exported .....	1,872,194	22,371	-	5,572
Total made available in Canada <sup>1</sup> .....	41,412,864	554,863	28,340	674,881
Amount used in electric boilers .....	2,846,872	76,213	-	-
Total made available less amount used in boilers .....	38,565,992	478,650	28,340	674,881

1. Includes interruptible and at-will energy and energy used in electric boilers.

Electric Energy Made Available

May, 1960

New Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Yukon and N.W.T.
(Thousand kwh.)							
90,426	2,855,819	2,981,404	292,117	44,356	72,306	496,713	8,280
18,631	2,418	4,725	2,278	121,150	166,368	15,491	927
109,057	2,858,237	2,986,129	294,395	165,506	238,674	512,204	9,207
7,813	1,076,394	110,259	3,613	3,096	-	535,603	4,334
35,289	20,469	53,440	-	4,438	25,222	48,976	-
43,102	1,096,863	163,699	3,613	7,534	25,222	584,579	4,334
152,159	3,955,100	3,149,828	298,008	173,040	263,896	1,096,783	13,541
2,496	8,226	365,762	53,490	512	3,272	110	-
22	47	23,502	-	-	-	1,933	-
2,518	8,273	389,264	53,490	512	3,272	2,043	-
-	367,154	8,029	272	46,849	350	3,272	-
3,720	43,993	61,627	-	-	-	136	-
13,014	2,356	410,279	2	-	-	1,347	-
16,734	413,503	479,935	274	46,849	350	4,755	-
137,943	3,549,870	3,059,157	351,224	126,703	266,818	1,094,071	13,541
551	469,292	50,601	36,950	-	-	13,634	2,290
137,392	3,080,578	3,008,556	314,274	126,703	266,818	1,080,437	11,251

Cumulative totals, January - May, 1960

403,129	15,232,027	14,169,703	1,598,985	246,607	386,141	2,542,574	42,373
140,615	21,364	76,019	29,001	661,055	924,760	86,547	5,315
543,744	15,253,391	14,245,722	1,627,986	907,662	1,310,901	2,629,121	47,688
25,577	5,903,101	622,285	18,367	14,699	-	2,702,922	17,199
184,028	98,394	262,231	-	23,348	120,451	236,111	-
209,605	6,001,495	884,516	18,367	38,047	120,451	2,939,033	17,199
753,349	21,254,886	15,130,238	1,646,353	945,709	1,431,352	5,568,154	64,887
11,523	38,506	2,557,699	330,956	2,988	10,583	2,010	-
421	268	88,044	-	-	-	57,841	-
11,944	38,774	2,645,743	330,956	2,988	10,583	59,851	-
-	2,562,745	80,691	1,599	257,970	3,400	10,583	-
18,240	209,326	300,186	-	-	-	607	-
53,027	21,235	1,533,795	15	-	-	5,902	-
71,267	2,793,306	1,914,672	1,614	257,970	3,400	17,092	-
694,026	18,500,354	15,861,309	1,975,695	690,727	1,438,535	5,610,913	64,887
980	2,748,858	280,695	240,273	-	-	69,711	9,882
693,046	15,751,496	15,580,614	1,735,422	690,727	1,438,535	5,541,202	55,005
141,734	3,631,693	3,007,269	294,227	160,798	238,376	1,001,129	12,665
2,287	21,239	396,544	46,248	652	3,477	1,153	-
17,525	373,296	556,835	239	45,556	419	4,644	-
126,496	3,279,636	2,846,978	340,236	115,894	241,434	997,638	12,665
481	486,021	65,033	36,150	-	-	5,410	1,834
126,015	2,793,615	2,781,945	304,086	115,894	241,434	992,228	10,831
670,537	18,358,366	13,771,622	1,553,475	873,657	1,280,597	5,178,882	61,614
10,116	45,242	2,500,325	259,929	3,569	12,194	7,498	-
57,968	2,478,294	1,626,087	1,306	247,823	3,864	17,501	-
622,685	15,925,314	14,645,860	1,812,098	629,403	1,288,927	5,168,879	61,614
837	2,285,180	247,711	180,940	-	-	46,246	9,745
621,848	13,640,134	14,398,149	1,631,158	629,403	1,288,927	5,122,633	51,869

# Electric Energy Made Available

January - May, 1960

Month	Total net generation	Imports from United States	Exports to United States	Total made available in Canada	Total made available less amount used in boilers	Daily Average	
						Total net generation	Total made available
(Thousand kwh.)							
January .....	9,893,665	22,441	403,135	9,512,971	8,829,329	319,150	306,870
February .....	9,440,925	13,895	347,740	9,107,080	8,416,990	325,548	314,037
March .....	10,068,585	61,292	407,537	9,722,340	8,966,834	324,793	313,624
April .....	9,411,820	23,442	447,447	8,987,815	8,294,852	313,727	299,594
May .....	9,367,828	25,504	536,474	8,856,858	8,278,477	302,188	253,121
June .....							
July .....							
August .....							
September .....							
October .....							
November .....							
December .....							
Total .....							

## Net generation, 1949-1960 CANADA

Year and month	Utilities			Industry			Grand total
	Hydro	Thermal	Total	Hydro	Thermal	Total	
(Thousand kwh.)							
1949 .....	35,783,737	1,390,562	37,174,299	n.a.	n.a.	12,889,749	50,064,048
1950 .....	39,342,277	1,647,557	40,989,834	"	"	13,428,593	54,418,427
1951 .....	45,819,227	1,732,652	47,551,879	"	"	13,369,527	60,921,406
1952 .....	49,156,895	2,222,115	51,379,010	"	"	14,086,950	65,465,960
1953 .....	49,160,361	3,797,345	52,957,706	"	"	16,400,824	69,358,530
1954 .....	51,713,904	3,178,434	54,892,338	"	"	17,547,555	72,439,893
1955 .....	57,996,293	3,197,153	61,193,446	"	"	18,381,161	79,574,607
1956 .....	64,013,966	4,292,898	68,306,864	"	"	19,119,968	87,426,832
1957 .....	65,817,043	5,572,995	71,390,038	17,155,908	1,702,865	18,858,773	90,248,811
1958 .....	70,838,966	4,690,734	75,529,700	19,409,459	1,804,558	21,214,017	96,743,717
1959 Total .....	77,251,848	5,286,315	82,538,163	19,264,444	2,040,422	21,304,866	103,843,029
January .....	6,411,494	612,033	7,023,527	1,573,003	179,623	1,752,626	8,776,153
February .....	5,916,609	543,236	6,459,845	1,462,624	174,124	1,636,748	8,096,593
March .....	6,511,897	486,023	6,997,920	1,634,633	180,840	1,815,473	8,813,393
April .....	6,503,041	378,847	6,881,888	1,565,435	162,985	1,728,420	8,610,308
May .....	6,610,516	378,153	6,988,669	1,586,097	163,564	1,749,661	8,738,330
June .....	6,196,139	335,475	6,531,614	1,594,357	163,875	1,758,232	8,289,846
July .....	6,003,112	340,624	6,343,736	1,594,731	146,432	1,741,163	8,084,899
August .....	5,969,303	394,870	6,364,173	1,583,122	160,341	1,743,463	8,107,636
September .....	6,083,521	432,257	6,515,778	1,535,278	168,096	1,703,374	8,219,152
October .....	6,676,139	481,073	7,157,212	1,685,120	189,833	1,874,953	9,032,165
November .....	7,032,810	450,436	7,483,246	1,666,188	176,444	1,842,632	9,325,878
December .....	7,337,267	453,288	7,790,555	1,783,856	174,265	1,958,121	9,748,676
1960							
January .....	7,321,713	505,605	7,827,318	1,875,005	191,342	2,066,347	9,893,665
February .....	6,933,208	466,596	7,399,804	1,856,992	184,129	2,041,121	9,440,925
March .....	7,291,110	527,259	7,818,369	2,028,749	221,467	2,250,216	10,068,585
April .....	6,884,069	412,595	7,296,664	1,929,442	185,714	2,115,156	9,411,820
May .....	6,987,146	403,964	7,391,110	1,778,286	198,432	1,976,718	9,367,828
June .....							
July .....							
August .....							
September .....							
October .....							
November .....							
December .....							





## DOMINION BUREAU OF STATISTICS

OTTAWA - CANADA

Published by Authority of the Hon. Gordon Churchill, Minister of Trade and Commerce

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## ELECTRIC POWER STATISTICS

June, 1960

Monthly electric power statistics are designed to provide current information on the production and consumption of electric energy in Canada. In order to expedite the collection and compilation of returns, the series is confined to firms which generate a minimum of 10 million kilowatt hours per annum. These firms, however, accounted for 99.3 per cent of total production in 1958.

Prior to 1957, statistics in the monthly series related only to power produced for sale. This included all of the energy produced by electric utilities but only a comparatively small amount of the generation of industrial establishments which are defined as concerns which generate electricity primarily for use in own plant. Since January 1957 when industrial establishments commenced reporting their entire production, the industrial group has accounted for approximately 21 per cent of the total production of electric energy in Canada.

Early in 1957, industrial establishments were asked to provide generation figures on the revised basis for the period 1949-1956. In some instances estimates had to be made. The results for Canada and the provinces were published as a supplement to the June 1957 report. The Supplement issued with the January 1960 report brings the provincial historical tables up to date and in line with Canada totals which are shown regularly in the monthly report.

In the electric power series, net generation is defined as total generation less the amount used in station service. Net exports to the United States are deducted from total net generation in order to arrive at the amount of electric energy made available for use in Canada. Some of the amount made available is sold as surplus or secondary power and used, for the most part, in electric boilers. As this is the only form of secondary consumption that can readily be ascertained for all provinces, energy used in electric boilers is deducted from the amount made available in order to provide a figure more closely approximating primary consumption which is recognized as the more sensitive economic indicator.

Total net generation of electric energy in Canada by firms, which produce 10 million kilowatt hours or more per annum, amounted to 9,132,588 megawatt hours in June, 1960, a rise of 10.2 per cent over the 8,289,846 mwh. generated one year ago. Generation by utilities rose 9.7 per cent to 7,162,722 mwh. while production by industrial establishments increased 12.0 per cent to 1,969,866 mwh.

The amount of electric energy made available for use, in Canada, in June rose 9.7 per cent to 8,595,326 mwh. from 7,834,022 in 1959. Net exports to the United States increased 17.9 per cent with imports down 7,075 mwh. to 17,290 and exports up 74,363 to 554,552 mwh.

Electric energy used in electric boilers showed an increase of 26.0 per cent to 566,460 mwh. with the amount remaining for largely non-secondary uses increasing 8.7 per cent to 8,028,866 from 7,384,486.

Prepared in the Public Utilities Section

8506-506-60

# Electric Energy Made Available

June, 1960

	Canada	Newfoundland	Prince Edward Island	Nova Scotia
	(Thousand kwh.)			
Net generation				
Utilities:				
Hydro .....	6,778,899	80,947	-	47,706
Thermal .....	383,823	314	5,770	73,952
Total .....	7,162,722	81,261	5,770	121,658
Industry:				
Hydro .....	1,778,272	32,307	-	3,217
Thermal .....	191,594	2,482	-	7,707
Total .....	1,969,866	34,789	-	10,924
Total net generation .....	9,132,588	116,050	5,770	132,582
Energy imported:				
From other provinces .....	xxx	-	-	-
From United States .....	17,290	-	-	-
Total .....	17,290	-	-	-
Energy exported:				
To other provinces .....	xxx	6,573	-	1,032
To United States - primary .....	107,049	-	-	-
secondary .....	447,503	-	-	-
Total .....	554,552	6,573	-	1,032
Energy made available in Canada <sup>1</sup> .....	8,595,326	109,477	5,770	131,550
Amount used in electric boilers .....	566,460	5,917	-	-
Energy made available less amount used in boilers .....	8,028,866	103,560	5,770	131,550

## Cumulative totals, January - June, 1960

Net generation				
Utilities:				
Hydro .....	42,196,145	545,739	-	378,621
Thermal .....	2,699,842	4,633	37,474	409,272
Total .....	44,895,987	550,372	37,474	787,893
Industry:				
Hydro .....	11,246,746	178,251	-	21,597
Thermal .....	1,172,678	14,261	-	52,449
Total .....	12,419,424	192,512	-	74,046
Total net generation .....	57,315,411	742,884	37,474	861,939
Energy imported:				
From other provinces .....	xxx	-	-	-
From United States .....	163,864	-	-	-
Total .....	163,864	-	-	-
Energy exported:				
To other provinces .....	xxx	37,374	-	7,508
To United States - primary .....	635,408	-	-	-
secondary .....	2,065,519	-	-	-
Total .....	2,700,927	37,374	-	7,508
Energy made available in Canada <sup>1</sup> .....	54,778,348	705,510	37,474	854,431
Amount used in electric boilers .....	3,966,979	56,037	-	-
Energy made available less amount used in boilers .....	50,811,369	649,473	37,474	854,431
June, 1959				
Total net generation .....	8,289,846	102,517	5,231	125,777
Total energy imported .....	24,365	-	-	-
Total energy exported .....	480,189	3,353	-	1,050
Total made available in Canada <sup>1</sup> .....	7,834,022	99,164	5,231	124,727
Amount used in electric boilers .....	449,536	5,317	-	-
Total made available less amount used in boilers .....	7,384,486	93,847	5,231	124,727
January - June, 1959				
Total net generation .....	51,324,623	679,751	33,571	806,230
Total energy imported .....	274,646	-	-	-
Total energy exported .....	2,352,383	25,724	-	6,622
Total made available in Canada <sup>1</sup> .....	49,246,886	654,027	33,571	799,608
Amount used in electric boilers .....	3,296,408	81,530	-	-
Total made available less amount used in boilers .....	45,950,478	572,497	33,571	799,608

1. Includes interruptible and at-will energy and energy used in electric boilers.

Electric Energy Made Available

June, 1960

New Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Yukon and N.W.T.
(Thousand kwh.)							
92,062	2,802,298	2,879,445	278,828	44,853	85,934	459,044	7,782
16,148	1,393	5,224	185	116,106	148,517	15,284	930
108,210	2,803,691	2,884,669	279,013	160,959	234,451	474,328	8,712
7,247	1,056,440	127,638	3,465	2,958	-	539,999	5,001
35,541	21,530	50,395	-	5,457	26,545	41,937	-
42,788	1,077,970	178,033	3,465	8,415	26,545	581,936	5,001
150,998	3,881,661	3,062,702	282,478	169,374	260,996	1,056,264	13,713
2,240	7,964	318,896	53,811	501	3,357	45	-
83	40	15,677	-	-	-	1,490	-
2,323	8,004	334,573	53,811	501	3,357	1,535	-
-	320,104	6,927	306	48,275	240	3,357	-
3,600	43,033	60,276	-	-	-	140	-
10,942	4,364	430,743	2	-	-	1,452	-
14,542	367,501	497,946	308	48,275	240	4,949	-
138,779	3,522,164	2,899,329	335,981	121,600	264,113	1,052,850	13,713
272	471,460	48,134	25,147	-	-	13,201	2,329
138,507	3,050,704	2,851,195	310,834	121,600	264,113	1,039,649	11,384

Cumulative totals, January - June, 1960

495,191	18,034,325	17,049,148	1,877,813	291,460	472,075	3,001,618	50,155
156,763	22,757	81,243	29,186	777,161	1,073,277	101,831	6,245
651,954	18,057,082	17,130,391	1,906,999	1,068,621	1,545,352	3,103,449	56,400
32,824	6,959,541	749,923	21,832	17,657	-	3,242,921	22,200
219,569	119,924	312,626	-	28,805	146,996	278,048	-
252,393	7,079,465	1,062,549	21,832	46,462	146,996	3,520,969	22,200
904,347	25,136,547	18,192,940	1,928,831	1,115,083	1,692,348	6,624,418	78,600
13,763	46,470	2,876,595	384,767	3,489	13,940	2,055	-
504	308	103,721	-	-	-	59,331	-
14,267	46,778	2,980,316	384,767	3,489	13,940	61,386	-
-	2,882,849	87,618	1,905	306,245	3,640	13,940	-
21,840	252,359	360,462	-	-	-	747	-
68,011	25,599	1,964,538	17	-	-	7,354	-
89,851	3,160,807	2,412,618	1,922	306,245	3,640	22,041	-
828,763	22,022,518	18,760,638	2,311,676	812,327	1,702,648	6,663,763	78,600
1,252	3,220,318	328,829	265,420	-	-	82,912	12,211
827,511	18,802,200	18,431,809	2,046,256	812,327	1,702,648	6,580,851	66,389
133,132	3,485,404	2,818,964	266,778	158,983	231,131	948,512	13,417
2,377	4,748	424,253	49,561	535	1,879	1,081	-
13,906	448,937	420,650	198	48,827	372	2,965	-
121,603	3,041,215	2,822,567	316,141	110,691	232,638	946,628	13,417
251	384,928	33,935	19,726	-	-	2,845	2,534
121,352	2,656,287	2,788,632	296,415	110,691	232,638	943,783	10,883
803,669	21,843,770	16,590,586	1,820,253	1,032,640	1,511,728	6,127,394	75,031
12,493	49,990	2,924,578	309,490	4,104	14,073	8,579	-
71,874	2,927,231	2,046,737	1,504	296,650	4,236	20,466	-
744,288	18,966,529	17,468,427	2,128,239	740,094	1,521,565	6,115,507	75,031
1,088	2,670,108	281,646	200,666	-	-	49,091	12,279
743,200	16,296,421	17,186,781	1,927,573	740,094	1,521,565	6,066,416	62,752



# Electric Energy Made Available

January - June, 1960

Month	Total net generation	Imports from United States	Exports to United States	Total made available in Canada	Total made available less amount used in boilers	Daily Average	
						Total net generation	Total made available
(Thousand kwh.)							
January .....	9,893,665	22,441	404,270*	9,511,836*	8,828,257*	319,150	306,833*
February .....	9,440,925	13,895	348,719*	9,106,101*	8,416,011*	325,548	314,004*
March .....	10,068,585	61,292	408,548*	9,721,329*	8,965,823*	324,793	313,591*
April .....	9,411,820	23,442	448,365*	8,986,897*	8,293,934*	313,727	299,563*
May .....	9,367,828	25,504	536,474	8,856,858	8,278,477	302,188	285,705
June .....	9,132,588	17,290	554,552	8,595,326	8,028,866	304,420	286,511
July .....							
August .....							
September .....							
October .....							
November .....							
December .....							
Total .....							

## Net generation, 1949-1960 CANADA

Year and month	Utilities			Industry			Grand total
	Hydro	Thermal	Total	Hydro	Thermal	Total	
(Thousand kwh.)							
1949 .....	35,783,737	1,390,562	37,174,299	n.a.	n.a.	12,889,749	50,064,048
1950 .....	39,342,277	1,647,557	40,989,834	"	"	13,428,593	54,418,427
1951 .....	45,819,227	1,732,652	47,551,879	"	"	13,369,527	60,921,406
1952 .....	49,156,895	2,222,115	51,379,010	"	"	14,086,950	65,465,960
1953 .....	49,160,361	3,797,345	52,957,706	"	"	16,400,824	69,358,530
1954 .....	51,713,904	3,178,434	54,892,338	"	"	17,547,555	72,439,893
1955 .....	57,996,293	3,197,153	61,193,446	"	"	18,381,161	79,574,607
1956 .....	64,013,966	4,292,898	68,306,864	"	"	19,119,968	87,426,832
1957 .....	65,817,043	5,572,995	71,390,038	17,155,908	1,702,865	18,858,773	90,248,811
1958 .....	70,838,966	4,690,734	75,529,700	19,409,459	1,804,558	21,214,017	96,743,717
1959 Total .....	77,251,848	5,286,315	82,538,163	19,264,444	2,040,422	21,304,866	103,843,029
January .....	6,411,494	612,033	7,023,527	1,573,003	179,623	1,752,626	8,776,153
February .....	5,916,609	543,236	6,459,845	1,462,624	174,124	1,636,748	8,096,593
March .....	6,511,897	486,023	6,997,920	1,634,633	180,840	1,815,473	8,813,393
April .....	6,503,041	378,847	6,881,888	1,565,435	162,985	1,728,420	8,610,308
May .....	6,610,516	378,153	6,988,669	1,586,097	163,564	1,749,661	8,738,330
June .....	6,196,139	335,475	6,531,614	1,594,357	163,875	1,758,232	8,289,846
July .....	6,003,112	340,624	6,343,736	1,594,731	146,432	1,741,163	8,084,899
August .....	5,969,303	394,870	6,364,173	1,583,122	160,341	1,743,463	8,107,636
September .....	6,083,521	432,257	6,515,778	1,535,278	168,096	1,703,374	8,219,152
October .....	6,676,139	481,073	7,157,212	1,685,120	189,833	1,874,953	9,032,165
November .....	7,032,810	450,436	7,483,246	1,666,188	176,444	1,842,632	9,325,878
December .....	7,337,267	453,288	7,790,555	1,783,856	174,265	1,958,121	9,748,676
1960							
January .....	7,321,713	505,605	7,827,318	1,875,005	191,342	2,066,347	9,893,665
February .....	6,933,208	466,596	7,399,804	1,856,992	184,129	2,041,121	9,440,925
March .....	7,291,110	527,259	7,818,369	2,028,749	221,467	2,250,216	10,068,585
April .....	6,884,069	412,595	7,296,664	1,929,442	185,714	2,115,156	9,411,820
May .....	6,987,146	403,964	7,391,110	1,778,286	198,432	1,976,718	9,367,828
June .....	6,778,899	383,823	7,162,722	1,778,272	191,594	1,969,866	9,132,588
July .....							
August .....							
September .....							
October .....							
November .....							
December .....							

\* Revised.



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OTTAWA - CANADA

Monthly

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Total net generation of electric energy in Canada by firms, which produce 10 million kilowatt hours or more per annum, amounted to 9,034,510 megawatt hours in July 1960, a rise of 11.7 per cent over the 8,084,899 mwh. generated one year ago. Generation by utilities rose 10.7 per cent to 7,025,291 mwh. while production by industrial establishments increased 15.4 per cent to 2,009,219 mwh.

The amount of electric energy made available for use in Canada in July rose 8.8 per cent to 8,398,838 mwh. from 7,721,951 in 1959. Net exports to the United States increased 75.1 per cent with imports down 30,332 mwh. to 6,353 and exports up 242,392 to 642,025.

Electric energy used in electric boilers showed an increase of 30.5 per cent to 535,228 mwh. with the result that the amount remaining for mostly non-secondary uses increased 7.5 per cent to 7,863,610 from 7,311,895.

8506-506-70

Prepared in the Public Utilities Section

Electric Energy Made Available

July, 1960

	Canada	Newfoundland	Prince Edward Island	Nova Scotia
	(Thousand kwh.)			
<b>Net generation</b>				
Utilities:				
Hydro .....	6,641,461	80,777	-	37,025
Thermal .....	383,830	414	6,181	82,277
Total .....	7,025,291	81,191	6,181	119,302
Industry:				
Hydro .....	1,835,921	33,803	-	3,215
Thermal .....	173,298	2,356	-	7,156
Total .....	2,009,219	36,159	-	10,371
<b>Total net generation</b> .....	9,034,510	117,350	6,181	129,673
<b>Energy imported:</b>				
From other provinces .....	xxx	-	-	-
From United States .....	6,353	-	-	-
Total .....	6,353	-	-	-
<b>Energy exported:</b>				
To other provinces .....	xxx	7,464	-	1,032
To United States - primary .....	116,283	-	-	-
secondary .....	525,742	-	-	-
Total .....	642,025	7,464	-	1,032
<b>Energy made available in Canada<sup>1</sup></b> .....	8,398,838	109,886	6,181	128,641
Amount used in electric boilers .....	535,228	5,418	-	-
<b>Energy made available less amount used in boilers</b> .....	7,863,610	104,468	6,181	128,641

Cumulative totals, January - July, 1960

<b>Net generation</b>				
Utilities:				
Hydro .....	48,837,606	626,516	-	415,646
Thermal .....	3,083,672	5,047	43,655	491,549
Total .....	51,921,278	631,563	43,655	907,195
Industry:				
Hydro .....	13,082,667	212,054	-	24,812
Thermal .....	1,345,976	16,617	-	59,605
Total .....	14,428,643	228,671	-	84,417
<b>Total net generation</b> .....	66,349,921	860,234	43,655	991,612
<b>Energy imported:</b>				
From other provinces .....	xxx	-	-	-
From United States .....	170,217	-	-	-
Total .....	170,217	-	-	-
<b>Energy exported:</b>				
To other provinces .....	xxx	44,838	-	8,540
To United States - primary .....	751,691	-	-	-
secondary .....	2,591,261	-	-	-
Total .....	3,342,952	44,838	-	8,540
<b>Energy made available in Canada<sup>1</sup></b> .....	63,177,186	815,396	43,655	983,072
Amount used in electric boilers .....	4,502,207	61,455	-	-
<b>Energy made available less amount used in boilers</b> .....	58,674,979	753,941	43,655	983,072
<b>July, 1959</b>				
<b>Total net generation</b> .....	8,084,899	115,586	5,662	129,252
<b>Total energy imported</b> .....	36,685	-	-	-
<b>Total energy exported</b> .....	399,633	3,923	-	1,054
<b>Total made available in Canada<sup>1</sup></b> .....	7,721,951	111,663	5,662	128,198
Amount used in electric boilers .....	410,056	10,431	-	-
<b>Total made available less amount used in boilers</b> .....	7,311,895	101,232	5,662	128,198
<b>January - July, 1959</b>				
<b>Total net generation</b> .....	59,409,522	795,337	39,233	935,482
<b>Total energy imported</b> .....	311,331	-	-	-
<b>Total energy exported</b> .....	2,752,016	29,647	-	7,676
<b>Total made available in Canada<sup>1</sup></b> .....	56,968,837	765,690	39,233	927,806
Amount used in electric boilers .....	3,706,464	91,961	-	-
<b>Total made available less amount used in boilers</b> .....	53,262,373	673,729	39,233	927,806

1. Includes interruptible and at-will energy and energy used in electric boilers.



Electric Energy Made Available

July, 1960

New Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Yukon and N.W.T.
(Thousand kwh.)							
69,394	2,746,284	2,867,685	268,115	41,848	83,833	438,947	7,553
30,395	57	2,442	-39	116,612	129,454	15,176	861
99,789	2,746,341	2,870,127	268,076	158,460	213,287	454,123	8,414
5,801	1,103,198	123,253	3,376	2,931	-	555,037	5,257
31,005	19,626	47,393	-	5,763	22,333	37,066	-
37,406	1,122,824	170,646	3,376	8,744	22,333	592,103	5,257
137,195	3,869,165	3,040,773	271,452	167,204	235,620	1,046,226	13,671
2,402	8,985	347,355	47,687	451	3,705	17	-
157	38	4,133	-	-	-	2,025	-
2,559	9,023	351,488	47,687	451	3,705	2,042	-
-	348,725	3,680	256	45,528	212	3,705	-
3,721	48,875	63,475	-	-	-	212	-
8,235	6,278	509,196	3	-	-	2,030	-
11,956	403,878	576,351	259	45,528	212	5,947	-
127,798	3,474,310	2,815,910	318,880	122,127	239,113	1,042,321	13,671
112	455,669	42,164	20,280	-	-	9,601	1,984
127,686	3,018,641	2,773,746	298,600	122,127	239,113	1,032,720	11,687

Cumulative totals, January - July, 1960

564,585	20,780,609	19,916,833	2,145,928	333,308	555,908	3,440,565	57,708
187,158	22,814	83,685	29,147	893,773	1,202,731	117,007	7,106
751,743	20,803,423	20,000,518	2,175,075	1,227,031	1,758,639	3,557,572	64,814
38,625	8,062,739	873,176	25,208	20,638	-	3,797,958	27,457
251,174	139,550	360,019	-	34,568	169,329	315,114	-
289,799	8,202,289	1,233,195	25,208	55,206	169,329	4,113,072	27,457
1,041,542	29,005,712	21,233,713	2,200,283	1,282,287	1,927,968	7,670,644	92,271
16,165	55,455	3,260,807	432,454	3,940	17,645	2,072	-
661	346	107,854	-	-	-	61,356	-
16,826	55,801	3,368,661	432,454	3,940	17,645	63,428	-
-	3,268,431	91,298	2,161	351,773	3,852	17,645	-
25,561	301,234	423,937	-	-	-	959	-
76,246	31,877	2,473,734	20	-	-	9,384	-
101,307	3,601,542	2,988,969	2,181	351,773	3,852	27,988	-
956,561	25,459,971	21,613,405	2,630,556	934,454	1,941,761	7,706,084	92,271
1,364	3,675,987	370,993	285,700	-	-	92,513	14,195
955,197	21,733,984	21,242,412	2,344,856	934,454	1,941,761	7,613,571	78,076
130,366	3,467,638	2,669,718	263,072	159,333	224,948	905,624	13,700
2,431	5,393	427,300	49,680	564	1,694	1,043	-
10,580	444,459	338,435	230	49,139	413	2,825	-
122,217	3,028,577	2,758,583	312,522	110,758	226,229	903,842	13,700
85	352,031	25,939	17,581	-	-	1,290	2,699
122,132	2,676,546	2,732,644	294,941	110,758	226,229	902,552	11,001
934,035	25,311,408	19,260,304	2,083,325	1,191,973	1,736,676	7,033,018	38,731
14,924	55,388	3,351,878	359,170	4,668	15,767	9,622	-
82,454	3,371,690	2,385,172	1,734	345,789	4,649	23,291	-
866,505	21,995,106	20,227,010	2,440,761	850,852	1,747,794	7,019,349	88,731
1,173	3,022,139	307,585	218,247	-	-	50,381	14,978
865,332	18,972,967	19,919,425	2,222,514	850,852	1,747,794	6,968,968	73,753

Electric Energy Made Available

January - July, 1960

Month	Total net generation	Imports from United States	Exports to United States	Total made available in Canada	Total made available less amount used in boilers	Daily Average	
						Total net generation	Total made available
(Thousand kwh.)							
January .....	9,893,665	22,441	404,270*	9,511,836*	8,828,257*	319,150	306,833*
February .....	9,440,925	13,895	348,719*	9,106,101*	8,416,011*	325,548	314,004*
March .....	10,068,585	61,292	408,548*	9,721,329*	8,965,823*	324,793	313,591*
April .....	9,411,820	23,442	448,365*	8,986,897*	8,293,934*	313,727	299,563*
May .....	9,367,828	25,504	536,474	8,856,858	8,278,477	302,188	285,705
June .....	9,132,588	17,290	554,552	8,595,326	8,028,866	304,420	286,511
July .....	9,034,510	6,353	642,025	8,398,838	7,863,610	291,436	270,930
August .....							
September .....							
October .....							
November .....							
December .....							
Total .....							

Net generation, 1949-1960  
CANADA

Year and month	Utilities			Industry			Grand total
	Hydro	Thermal	Total	Hydro	Thermal	Total	
(Thousand kwh.)							
1949 .....	35,783,737	1,390,562	37,174,299	n.a.	n.a.	12,889,749	50,064,048
1950 .....	39,342,277	1,647,557	40,989,834	"	"	13,428,593	54,418,427
1951 .....	45,819,227	1,732,652	47,551,879	"	"	13,369,527	60,921,406
1952 .....	49,156,895	2,222,115	51,379,010	"	"	14,086,950	65,465,960
1953 .....	49,160,361	3,797,345	52,957,706	"	"	16,400,824	69,358,530
1954 .....	51,713,904	3,178,434	54,892,338	"	"	17,547,555	72,439,893
1955 .....	57,996,293	3,197,153	61,193,446	"	"	18,381,161	79,574,607
1956 .....	64,013,966	4,292,898	68,306,864	"	"	19,119,968	87,426,832
1957 .....	65,817,043	5,572,995	71,390,038	17,155,908	1,702,865	18,858,773	90,248,811
1958 .....	70,838,966	4,690,734	75,529,700	19,409,459	1,804,558	21,214,017	96,743,717
1959 Total .....	77,251,848	5,286,315	82,538,163	19,264,444	2,040,422	21,304,866	103,843,029
January .....	6,411,494	612,033	7,023,527	1,573,003	179,623	1,752,626	8,776,153
February .....	5,916,609	543,236	6,459,845	1,462,624	174,124	1,636,748	8,096,593
March .....	6,511,897	486,023	6,997,920	1,634,633	180,840	1,815,473	8,813,393
April .....	6,503,041	378,847	6,881,888	1,565,435	162,985	1,728,420	8,610,308
May .....	6,610,516	378,153	6,988,669	1,586,097	163,564	1,749,661	8,738,330
June .....	6,196,139	335,475	6,531,614	1,594,357	163,875	1,758,232	8,289,846
July .....	6,003,112	340,624	6,343,736	1,594,731	146,432	1,741,163	8,084,899
August .....	5,969,303	394,870	6,364,173	1,583,122	160,341	1,743,463	8,107,636
September .....	6,083,521	432,257	6,515,778	1,535,278	168,096	1,703,374	8,219,152
October .....	6,676,139	481,073	7,157,212	1,685,120	189,833	1,874,953	9,032,165
November .....	7,032,810	450,436	7,483,246	1,666,188	176,444	1,842,632	9,325,878
December .....	7,337,267	453,288	7,790,555	1,783,856	174,265	1,958,121	9,748,676
1960							
January .....	7,321,713	505,605	7,827,318	1,875,005	191,342	2,066,347	9,893,665
February .....	6,933,208	466,596	7,399,804	1,856,992	184,129	2,041,121	9,440,925
March .....	7,291,110	527,259	7,818,369	2,028,749	221,467	2,250,216	10,068,585
April .....	6,884,069	412,595	7,296,664	1,929,442	185,714	2,115,156	9,411,820
May .....	6,987,146	403,964	7,391,110	1,778,286	198,432	1,976,718	9,367,828
June .....	6,778,899	383,823	7,162,722	1,778,272	191,594	1,969,866	9,132,588
July .....	6,641,461	383,830	7,025,291	1,835,921	173,298	2,009,219	9,034,510
August .....							
September .....							
October .....							
November .....							
December .....							



## DOMINION BUREAU OF STATISTICS

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## ELECTRIC POWER STATISTICS

August, 1960

Monthly electric power statistics are designed to provide current information on the production and consumption of electric energy in Canada. In order to expedite the collection and compilation of returns, the series is confined to firms which generate a minimum of 10 million kilowatt hours per annum. These firms, however, accounted for 99.3 per cent of total production in 1958.

Prior to 1957, statistics in the monthly series related only to power produced for sale. This included all of the energy produced by electric utilities but only a comparatively small amount of the generation of industrial establishments which are defined as concerns which generated electricity primarily for use in own plant. Since January 1957 when industrial establishments commenced reporting their entire production, the industrial group has accounted for approximately 21 per cent of the total production of electric energy in Canada.

Early in 1957, industrial establishments were asked to provide generation figures on the revised basis for the period 1949-1956. In some instances estimates had to be made. The results for Canada and the provinces were published as a supplement to the June 1957 report. The Supplement issued with the January 1960 report brings the provincial historical tables up to date and in line with Canada totals which are shown regularly in the monthly report.

In the electric power series, net generation is defined as total generation less the amount used in station service. Net exports to the United States are deducted from total net generation in order to arrive at the amount of electric energy made available for use in Canada. Some of the amount made available is sold as surplus or secondary power and used, for the most part, in electric boilers. As this is the only form of secondary consumption that can readily be ascertained for all provinces, energy used in electric boilers is deducted from the amount made available in order to provide a figure more closely approximating primary consumption which is recognized as the more sensitive economic indicator.

Total net generation of electric energy in Canada by firms, which produce 10 million kilowatt hours or more per annum, amounted to 9,323,177 megawatt hours in August 1960, a rise of 15.0 per cent over the 8,107,636 mwh. generated one year ago. Generation by utilities rose 13.3 per cent to 7,208,980 mwh. while production by industrial establishments increased 21.3 per cent to 2,114,197 mwh.

The amount of electric energy made available for use in Canada in August rose 11.2 per cent to 8,704,449 mwh. from 7,826,977 in 1959. Net exports to the United States increased 120.5 per cent with imports down 43,367 mwh. to 9,280 and exports up 294,702 to 628,008.

Electric energy used in electric boilers showed an increase of 29.7 per cent to 531,277 mwh. with the result that the amount remaining for mostly non-secondary uses increased 10.2 per cent to 8,173,172 from 7,417,340.

8506-506-80

Prepared in the Public Utilities Section



# Electric Energy Made Available

August, 1960

	Canada	Newfoundland	Prince Edward Island	Nova Scotia
	(Thousand kwh.)			
Net generation				
Utilities:				
Hydro .....	6,717,367	83,877	-	39,340
Thermal .....	491,613	484	6,488	94,788
Total .....	7,208,980	84,361	6,488	134,128
Industry:				
Hydro .....	1,926,008	33,869	-	1,914
Thermal .....	188,189	2,707	-	7,429
Total .....	2,114,197	36,576	-	9,343
Total net generation .....	9,323,177	120,937	6,488	143,471
Energy imported:				
From other provinces .....	xxx	-	-	-
From United States .....	9,280	-	-	-
Total .....	9,280	-	-	-
Energy exported:				
To other provinces .....	xxx	7,801	-	1,152
To United States - primary .....	114,019	-	-	-
secondary .....	513,989	-	-	-
Total .....	628,008	7,801	-	1,152
Energy made available in Canada <sup>1</sup> .....	8,704,449	113,136	6,488	142,319
Amount used in electric boilers .....	531,277	2,286	-	-
Energy made available less amount used in boilers .....	8,173,172	110,850	6,488	142,319

## Cumulative totals, January - August, 1960

Net generation				
Utilities:				
Hydro .....	55,554,973	710,393	-	454,986
Thermal .....	3,575,285	5,531	50,143	586,337
Total .....	59,130,258	715,924	50,143	1,041,323
Industry:				
Hydro .....	15,008,675	245,923	-	26,726
Thermal .....	1,534,165	19,324	-	67,034
Total .....	16,542,840	265,247	-	93,760
Total net generation .....	75,673,098	981,171	50,143	1,135,083
Energy imported:				
From other provinces .....	xxx	-	-	-
From United States .....	179,497	-	-	-
Total .....	179,497	-	-	-
Energy exported:				
To other provinces .....	xxx	52,639	-	9,690
To United States - primary .....	865,710	-	-	-
secondary .....	3,105,250	-	-	-
Total .....	3,970,960	52,639	-	9,690
Energy made available in Canada <sup>1</sup> .....	71,881,635	928,532	50,143	1,125,390
Amount used in electric boilers .....	5,033,484	63,741	-	-
Energy made available less amount used in boilers .....	66,848,151	864,791	50,143	1,125,380
August, 1959				
Total net generation .....	8,107,636	109,954	5,867	127,500
Total energy imported .....	52,647	-	-	-
Total energy exported .....	333,306	3,828	-	1,000
Total made available in Canada <sup>1</sup> .....	7,826,977	106,126	5,867	126,400
Amount used in electric boilers .....	409,637	3,872	-	-
Total made available less amount used in boilers .....	7,417,340	102,254	5,867	126,400
January - August, 1959				
Total net generation .....	67,517,158	905,291	45,100	1,063,000
Total energy imported .....	363,978	-	-	-
Total energy exported .....	3,085,322	33,475	-	8,700
Total made available in Canada <sup>1</sup> .....	64,795,814	871,816	45,100	1,054,200
Amount used in electric boilers .....	4,116,101	95,833	-	-
Total made available less amount used in boilers .....	60,679,713	775,983	45,100	1,054,200

1. Includes interruptible and at-will energy and energy used in electric boilers.

Electric Energy Made Available

August, 1960

New Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Yukon and N.W.T.
(Thousand kwh.)							
35,633	2,886,748	2,826,151	272,740	44,795	64,077	456,329	7,677
53,764	30	10,874	1,534	126,946	177,672	18,082	951
89,397	2,886,778	2,837,025	274,274	171,741	241,749	474,411	8,628
2,619	1,203,585	123,929	3,555	2,415	-	548,730	5,392
39,113	21,715	47,101	-	6,600	24,867	38,657	-
41,732	1,225,300	171,030	3,555	9,015	24,867	587,387	5,392
131,129	4,112,078	3,008,055	277,829	180,756	266,616	1,061,798	14,020
2,450	9,117	460,730	56,694	509	3,799	16	-
2,826	24	4,951	-	-	-	1,479	-
5,276	9,141	465,681	56,694	509	3,799	1,495	-
-	462,028	9,441	294	48,569	231	3,799	-
2,187	49,697	61,905	-	-	-	230	-
7,137	6,024	499,394	3	-	-	1,431	-
9,324	517,749	570,740	297	48,569	231	5,460	-
127,081	3,603,470	2,902,996	334,226	132,696	270,184	1,057,833	14,020
-	469,721	34,569	15,178	-	-	7,517	2,006
127,081	3,133,749	2,868,427	319,048	132,696	270,184	1,050,316	12,014

Cumulative totals, January - August, 1960

600,218	23,667,357	22,742,984	2,418,668	378,103	619,985	3,896,894	65,385
240,922	22,844	94,559	30,681	1,020,719	1,380,403	135,089	8,057
841,140	23,690,201	22,837,543	2,449,349	1,398,822	2,000,388	4,031,983	73,442
41,244	9,266,324	997,105	28,763	23,053	-	4,346,688	32,849
290,287	161,265	407,120	-	41,168	194,196	353,771	-
331,531	9,427,589	1,404,225	28,763	64,221	194,196	4,700,459	32,849
172,671	33,117,790	24,241,768	2,478,112	1,463,043	2,194,584	8,732,442	106,291
18,615	64,572	3,721,537	489,148	4,449	21,444	2,088	-
3,487	370	112,805	-	-	-	62,835	-
22,102	64,942	3,834,342	489,148	4,449	21,444	64,923	-
-	3,730,459	100,739	2,455	400,342	4,083	21,444	-
27,748	350,931	485,842	-	-	-	1,189	-
83,383	37,901	2,973,128	23	-	-	10,815	-
111,131	4,119,291	3,559,709	2,478	400,342	4,083	33,448	-
383,642	29,063,441	24,516,401	2,964,782	1,067,150	2,211,945	8,763,917	106,291
1,364	4,145,708	405,562	300,878	-	-	100,030	16,201
382,278	24,917,733	24,110,839	2,663,904	1,067,150	2,211,945	8,663,887	90,090
36,221	3,565,165	2,544,150	262,573	165,859	234,664	942,330	13,333
2,454	5,093	504,625	51,681	567	3,077	1,213	-
12,145	502,538	274,755	211	50,050	383	4,379	-
26,530	3,067,720	2,774,020	314,043	116,376	237,358	939,164	13,333
-	359,866	26,369	15,724	-	-	1,260	2,546
26,530	2,707,854	2,747,651	298,319	116,376	237,358	937,904	10,787
70,256	28,876,573	21,804,454	2,345,898	1,357,832	1,971,340	7,975,348	102,064
17,378	60,481	3,856,503	410,851	5,235	18,844	10,835	-
94,599	3,874,228	2,659,927	1,945	395,839	5,032	27,670	-
93,035	25,062,826	23,001,030	2,754,804	967,228	1,985,152	7,958,513	102,064
1,173	3,382,005	333,954	233,971	-	-	51,641	17,524
91,862	21,680,821	22,667,076	2,520,833	967,228	1,985,152	7,906,872	84,540

Electric Energy Made Available

January - August, 1960

Month	Total net generation	Imports from United States	Exports to United States	Total made available in Canada	Total made available less amount used in boilers	Daily Average	
						Total net generation	Total made available
(Thousand kwh.)							
January .....	9,893,665	22,441	404,270*	9,511,836*	8,828,257*	319,150	306,833
February .....	9,440,925	13,895	348,719*	9,106,101*	8,416,011*	325,548	314,004
March .....	10,068,585	61,292	408,548*	9,721,329*	8,965,823*	324,793	313,591
April .....	9,411,820	23,442	448,365*	8,986,897*	8,293,934*	313,727	299,563
May .....	9,367,828	25,504	536,474	8,856,858	8,278,477	302,188	285,705
June .....	9,132,588	17,290	554,552	8,595,326	8,028,866	304,420	286,511
July .....	9,034,510	6,353	642,025	8,398,838	7,863,610	291,436	270,930
August .....	9,323,177	9,280	628,008	8,704,449	8,173,172	300,748	280,789
September .....							
October .....							
November .....							
December .....							
Total .....							

Net generation, 1949-1960  
CANADA

Year and month	Utilities			Industry			Grand total
	Hydro	Thermal	Total	Hydro	Thermal	Total	
(Thousand kwh.)							
1949 .....	35,783,737	1,390,562	37,174,299	n.a.	n.a.	12,889,749	50,064,048
1950 .....	39,342,277	1,647,557	40,989,834	"	"	13,428,593	54,418,427
1951 .....	45,819,227	1,732,652	47,551,879	"	"	13,369,527	60,921,406
1952 .....	49,156,895	2,222,115	51,379,010	"	"	14,086,950	65,465,960
1953 .....	49,160,361	3,797,345	52,957,706	"	"	16,400,824	69,358,530
1954 .....	51,713,904	3,178,434	54,892,338	"	"	17,547,555	72,439,893
1955 .....	57,996,293	3,197,153	61,193,446	"	"	18,381,161	79,574,607
1956 .....	64,013,966	4,292,898	68,306,864	"	"	19,119,968	87,426,832
1957 .....	65,817,043	5,572,995	71,390,038	17,155,908	1,702,865	18,858,773	90,248,811
1958 .....	70,838,966	4,690,734	75,529,700	19,409,459	1,804,558	21,214,017	96,743,717
1959 Total .....	77,251,848	5,286,315	82,538,163	19,264,444	2,040,422	21,304,866	103,843,029
January .....	6,411,494	612,033	7,023,527	1,573,003	179,623	1,752,626	8,776,153
February .....	5,916,609	543,236	6,459,845	1,462,624	174,124	1,636,748	8,096,593
March .....	6,511,897	486,023	6,997,920	1,634,633	180,840	1,815,473	8,813,393
April .....	6,503,041	378,847	6,881,888	1,565,435	162,985	1,728,420	8,610,308
May .....	6,610,516	378,153	6,988,669	1,586,097	163,564	1,749,661	8,738,330
June .....	6,196,139	335,475	6,531,614	1,594,357	163,875	1,758,232	8,289,846
July .....	6,003,112	340,624	6,343,736	1,594,731	146,432	1,741,163	8,084,899
August .....	5,969,303	394,870	6,364,173	1,583,122	160,341	1,743,463	8,107,636
September .....	6,083,521	432,257	6,515,778	1,535,278	168,096	1,703,374	8,219,152
October .....	6,676,139	481,073	7,157,212	1,685,120	189,833	1,874,953	9,032,165
November .....	7,032,810	450,436	7,483,246	1,666,188	176,444	1,842,632	9,325,878
December .....	7,337,267	453,288	7,790,555	1,783,856	174,265	1,958,121	9,748,676
1960							
January .....	7,321,713	505,605	7,827,318	1,875,005	191,342	2,066,347	9,893,665
February .....	6,933,208	466,596	7,399,804	1,856,992	184,129	2,041,121	9,440,925
March .....	7,291,110	527,259	7,818,369	2,028,749	221,467	2,250,216	10,068,585
April .....	6,884,069	412,595	7,296,664	1,929,442	185,714	2,115,156	9,411,820
May .....	6,987,146	403,964	7,391,110	1,778,286	198,432	1,976,718	9,367,828
June .....	6,778,899	383,823	7,162,722	1,778,272	191,594	1,969,866	9,132,588
July .....	6,641,461	383,830	7,025,291	1,835,921	173,298	2,009,219	9,034,510
August .....	6,717,367	491,613	7,208,980	1,926,008	188,189	2,114,197	9,323,177
September .....							
October .....							
November .....							
December .....							





## DOMINION BUREAU OF STATISTICS

OTTAWA - CANADA

Monthly

Published by Authority of the Hon. George Hees, Minister of Trade and Commerce

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## ELECTRIC POWER STATISTICS

September, 1960

Total net generation of electric energy in Canada, by firms which produce 10 million kilowatt hours or more per annum, amounted to 9,249,184 megawatt hours in September 1960, a rise of 12.5 per cent over the 8,220,040 mwh. generated one year ago. Generation by utilities rose 9.9 per cent to 7,161,710 mwh. while production by industrial establishments increased 22.5 per cent to 2,087,474 mwh.

The amount of electric energy made available for use in Canada in September rose 10.4 per cent to 8,816,661 mwh. from 7,983,794 in 1959. Net exports to the United States increased 83.1 per cent with imports down 38,737 mwh. to 16,277 and exports up 148,540 to 448,800.

Electric energy used in electric boilers showed an increase of 32.2 per cent to 521,916 mwh. with the result that the amount remaining for mostly non-secondary uses increased 9.3 per cent to 8,294,745 from 7,588,949.

Monthly electric power statistics are designed to provide current information on the production and consumption of electric energy in Canada. In order to expedite the collection and compilation of returns, the series is confined to firms which generate a minimum of 10 million kilowatt hours per annum. These firms, however, accounted for 99.3 per cent of total production in 1958.

Prior to 1957, statistics in the monthly series related only to power produced for sale. This included all of the energy produced by electric utilities but only a comparatively small amount of the generation of industrial establishments which are defined as concerns which generated electricity primarily for use in own plant. Since January 1957 when industrial establishments commenced reporting their entire production, the industrial group has accounted for approximately 21 per cent of the total production of electric energy in Canada.

Early in 1957, industrial establishments were asked to provide generation figures on the revised basis for the period 1949-1956. In some instances estimates had to be made. The results for Canada and the provinces were published as a supplement to the June 1957 report. The Supplement issued with the January 1960 report brings the provincial historical tables up to date and in line with Canada totals which are shown regularly in the monthly report.

In the electric power series, net generation is defined as total generation less the amount used in station service. Net exports to the United States are deducted from total net generation in order to arrive at the amount of electric energy made available for use in Canada. Some of the amount made available is sold as surplus or secondary power and used, for the most part, in electric boilers. As this is the only form of secondary consumption that can readily be ascertained for all provinces, energy used in electric boilers is deducted from the amount made available in order to provide a figure more closely approximating primary consumption which is recognized as the more sensitive economic indicator.

1506-506-90

Prepared in the Public Utilities Section

Electric Energy Made Available  
September, 1960

	Canada	Newfoundland	Prince Edward Island	Nova Scotia
(Thousand kwh.)				
Net generation				
Utilities:				
Hydro .....	6,625,090	74,535	-	28,679
Thermal .....	536,600	6,726	6,241	116,397
Total .....	7,161,710	81,261	6,241	145,076
Industry:				
Hydro .....	1,895,861	32,598	-	2,939
Thermal .....	191,613	2,010	-	7,105
Total .....	2,087,474	34,608	-	10,044
Total net generation .....	9,249,184	115,869	6,241	155,120
Energy imported:				
From other provinces .....	xxx	-	-	-
From United States .....	16,277	-	-	-
Total .....	16,277	-	-	-
Energy exported:				
To other provinces .....	xxx	6,687	-	1,164
To United States - primary .....	101,687	-	-	-
secondary .....	347,113	-	-	-
Total .....	448,800	6,687	-	1,164
Energy made available in Canada <sup>1</sup> .....	8,816,661	109,182	6,241	153,956
Amount used in electric boilers .....	521,916	2,238	-	-
Energy made available less amount used in boilers .....	8,294,745	106,944	6,241	153,956

Cumulative totals, January - September, 1960

Net generation				
Utilities:				
Hydro .....	62,180,063	784,928	-	483,665
Thermal .....	4,111,905	12,257	56,384	702,734
Total .....	66,291,968	797,185	56,384	1,186,399
Industry:				
Hydro .....	16,904,536	278,521	-	29,665
Thermal .....	1,725,778	21,334	-	74,139
Total .....	18,630,314	299,855	-	103,804
Total net generation .....	84,922,282	1,097,040	56,384	1,290,203
Energy imported:				
From other provinces .....	xxx	-	-	-
From United States .....	195,774	-	-	-
Total .....	195,774	-	-	-
Energy exported:				
To other provinces .....	xxx	59,326	-	10,856
To United States - primary .....	967,397	-	-	-
secondary .....	3,452,363	-	-	-
Total .....	4,419,760	59,326	-	10,856
Energy made available in Canada <sup>1</sup> .....	80,698,296	1,037,714	56,384	1,279,347
Amount used in electric boilers .....	5,555,400	65,979	-	-
Energy made available less amount used in boilers .....	75,142,896	971,735	56,384	1,279,347
September, 1959				
Total net generation .....	8,220,040*	109,728	5,696	132,459
Total energy imported .....	55,014	-	-	-
Total energy exported .....	291,260	4,172	-	1,128
Total made available in Canada <sup>1</sup> .....	7,983,794*	105,556	5,696	131,331
Amount used in electric boilers .....	394,845	153	-	-
Total made available less amount used in boilers .....	7,588,949*	105,403	5,696	131,331
January - September, 1959				
Total net generation .....	75,745,198*	1,015,019	50,796	1,195,461
Total energy imported .....	418,992	-	-	-
Total energy exported .....	3,376,582	37,647	-	9,884
Total made available in Canada <sup>1</sup> .....	72,787,608*	977,372	50,796	1,185,577
Amount used in electric boilers .....	4,510,946	95,986	-	-
Total made available less amount used in boilers .....	68,276,662*	881,386	50,796	1,185,577

1. Includes interruptible and at-will energy and energy used in electric boilers.

\* Revised

Electric Energy Made Available

September, 1960

New Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Yukon and N.W.T.
(Thousand kwh.)							
30,906	2,938,807	2,614,754	352,912	48,415	53,844	473,690	8,548
44,828	49	18,603	4,520	126,977	193,407	17,687	1,185
75,734	2,938,856	2,633,357	357,432	175,392	247,251	491,377	9,733
1,662	1,181,455	120,572	3,553	2,536	-	546,016	4,530
37,427	20,123	47,496	-	5,971	27,921	43,560	-
39,089	1,201,578	168,068	3,553	8,507	27,921	589,576	4,530
114,823	4,140,434	2,801,425	360,985	183,899	275,172	1,080,953	14,263
2,559	8,110	521,679	56,796	502	3,432	46	-
277	37	14,319	-	-	-	1,644	-
2,836	8,147	535,998	56,796	502	3,432	1,670	-
-	523,074	6,334	284	51,885	244	3,432	-
1,437	40,150	59,978	-	-	-	122	-
7,245	5,334	332,942	3	-	-	1,589	-
8,682	568,558	399,254	287	51,885	244	5,143	-
108,977	3,580,023	2,938,169	417,494	132,516	278,360	1,077,480	14,263
-	454,688	40,139	13,595	-	-	8,587	2,669
108,977	3,125,335	2,898,030	403,899	132,516	278,360	1,068,893	11,594

Cumulative totals, January - September, 1960

631,124	26,606,164	25,357,738	2,771,580	426,518	673,829	4,370,584	73,933
285,750	22,893	113,162	35,201	1,147,696	1,573,810	152,776	9,242
916,874	26,629,057	25,470,900	2,806,781	1,574,214	2,247,639	4,523,360	83,175
42,906	10,447,779	1,117,677	32,316	25,589	-	4,892,704	37,379
327,714	181,388	454,616	-	47,139	222,117	397,331	-
370,620	10,629,167	1,572,293	32,316	72,728	222,117	5,290,035	37,379
1,287,494	37,258,224	27,043,193	2,839,097	1,646,942	2,469,756	9,813,395	120,554
21,174	72,682	4,243,216	545,944	4,951	24,876	2,114	-
3,764	407	127,124	-	-	-	64,479	-
24,938	73,089	4,370,340	545,944	4,951	24,876	66,593	-
-	4,253,533	107,073	2,739	452,227	4,327	24,876	-
29,185	391,081	545,820	-	-	-	1,311	-
90,628	43,235	3,306,070	26	-	-	12,404	-
119,813	4,687,849	3,958,963	2,765	452,227	4,327	38,591	-
1,192,619	32,643,464	27,454,570	3,382,276	1,199,666	2,490,305	9,841,397	120,554
1,364	4,600,396	445,701	314,473	-	-	108,617	18,870
1,191,255	28,043,068	27,008,869	3,067,803	1,199,666	2,490,305	9,732,780	101,684
136,700	3,611,722	2,545,300	279,715	168,141	245,728	970,759	14,092*
2,434	5,427	534,141	54,783	619	4,086	1,182	-
12,086	529,568	238,367	257	47,625	366	5,349	-
127,048	3,087,581	2,841,074	334,241	121,135	249,448	966,592	14,092*
-	337,013	26,007	25,183	-	-	3,823	2,666
127,048	2,750,568	2,815,067	309,058	121,135	249,448	962,769	11,426*
1,206,956	32,488,295	24,349,754	2,625,613	1,525,973	2,217,068	8,946,107	124,156*
19,812	65,908	4,390,644	465,634	5,854	22,930	12,017	-
106,685	4,403,796	2,898,294	2,202	443,464	5,398	33,019	-
1,120,083	28,150,407	25,842,104	3,089,045	1,088,363	2,234,600	8,925,105	124,156*
1,173	3,719,018	359,961	259,154	-	-	55,464	20,190
1,118,910	24,431,389	25,482,143	2,829,891	1,088,363	2,234,600	8,869,641	103,966*



# Electric Energy Made Available

January - September, 1960

Month	Total net generation	Imports from United States	Exports to United States	Total made available in Canada	Total made available less amount used in boilers	Daily Average	
						Total net generation	Total made available
(Thou. and kwh.)							
January .....	9,893,665	22,441	404,270*	9,511,836*	8,828,257*	319,150	306,833*
February .....	9,440,925	13,895	348,719*	9,106,101*	8,416,011*	325,548	314,004*
March .....	10,008,585	61,292	408,548*	9,721,329*	8,965,823*	324,793	313,591*
April .....	9,411,820	23,442	448,365*	8,986,897*	8,293,934*	313,727	299,563*
May .....	9,367,828	25,504	536,474	8,856,858	8,278,477	302,188	285,705
June .....	9,132,588	17,290	554,552	8,595,326	8,028,866	304,420	286,511
July .....	9,034,510	6,353	642,025	8,398,838	7,863,610	291,436	270,930
August .....	9,323,177	9,280	628,008	8,704,449	8,173,172	300,748	280,789
September .....	9,249,184	16,277	448,800	8,816,661	8,294,745	308,306	293,889
October .....							
November .....							
December .....							
Total .....							

## Net generation, 1949-1960 CANADA

Year and month	Utilities			Industry			Grand total
	Hydro	Thermal	Total	Hydro	Thermal	Total	
(Thousand kwh.)							
1949 .....	35,783,737	1,390,562	37,174,299	n.a.	n.a.	12,889,749	50,064,048
1950 .....	39,342,277	1,647,557	40,989,834	"	"	13,428,593	54,418,427
1951 .....	45,819,227	1,732,652	47,551,879	"	"	13,369,527	60,921,406
1952 .....	49,156,895	2,222,115	51,379,010	"	"	14,086,950	65,465,960
1953 .....	49,160,361	3,797,345	52,957,706	"	"	16,400,824	69,358,530
1954 .....	51,713,904	3,178,434	54,892,338	"	"	17,547,555	72,439,893
1955 .....	57,996,293	3,197,153	61,193,446	"	"	18,381,161	79,574,607
1956 .....	64,013,966	4,292,898	68,306,864	"	"	19,119,968	87,426,832
1957 .....	65,817,043	5,572,995	71,390,038	17,155,908	1,714,697*	18,870,605*	90,260,643*
1958 .....	70,838,966	4,690,734	75,529,700	19,409,459	1,816,609*	21,226,068*	96,755,768*
1959 Total .....	77,251,848	5,286,363*	82,538,211*	19,265,330*	2,052,553*	21,317,883*	103,856,094*
January .....	6,411,494	612,033	7,023,527	1,573,003	180,623*	1,753,626*	8,777,153*
February .....	5,916,609	543,236	6,459,845	1,462,624	175,124*	1,637,748*	8,097,593*
March .....	6,511,897	486,023	6,997,920	1,634,633	181,840*	1,816,473*	8,814,393*
April .....	6,503,041	378,847	6,881,888	1,565,435	163,985*	1,729,420*	8,611,308*
May .....	6,610,516	378,153	6,988,669	1,586,097	164,564*	1,750,661*	8,739,330*
June .....	6,196,139	335,475	6,531,614	1,594,357	164,875*	1,759,232*	8,290,846*
July .....	6,003,112	340,624	6,343,736	1,594,731	147,432*	1,742,163*	8,085,899*
August .....	5,969,303	394,870	6,364,173	1,583,122	161,341*	1,744,463*	8,108,636*
September .....	6,083,521	432,257	6,515,778	1,535,130*	169,132*	1,704,262*	8,220,040*
October .....	6,676,139	481,073	7,157,212	1,685,384*	190,833*	1,876,217*	9,033,429*
November .....	7,032,810	450,436	7,483,246	1,666,439*	177,444*	1,843,883*	9,327,129*
December .....	7,337,267	453,336*	7,790,603*	1,784,375*	175,360*	1,959,735*	9,750,338*
1960							
January .....	7,321,713	505,605	7,827,318	1,875,005	191,342	2,066,347	4,893,665
February .....	6,933,208	466,596	7,399,804	1,856,992	184,129	2,041,121	9,440,925
March .....	7,291,110	527,259	7,818,369	2,028,749	221,467	2,250,216	10,068,585
April .....	6,884,069	412,595	7,296,664	1,929,442	185,714	2,115,156	9,411,820
May .....	6,987,146	403,964	7,391,110	1,778,286	198,432	1,976,718	9,367,828
June .....	6,778,899	383,823	7,162,722	1,778,272	191,594	1,969,866	9,132,588
July .....	6,641,461	383,830	7,025,291	1,835,921	173,298	2,009,219	9,034,510
August .....	6,717,367	491,613	7,208,980	1,926,008	188,189	2,114,197	9,323,177
September .....	6,625,090	536,620	7,161,710	1,895,861	191,613	2,087,474	9,249,184
October .....							
November .....							
December .....							



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OTTAWA - CANADA

Monthly

Published by Authority of the Hon. George Hees, Minister of Trade and Commerce

Vol. 28 No. 10

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## ELECTRIC POWER STATISTICS

October, 1960

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OCT 1960

Hydro generation in Canada, by firms which produce 10 million kilowatt hours or more per annum, amounted to 8,785,222 megawatt hours in October 1960 while thermal generation was 783,597 mwh. Total net generation amounted to 9,568,819 mwh. which is an increase of 6.9 per cent over the 9,033,429 mwh. produced one year ago. Of this total, utilities accounted for 77.5 per cent.

The amount of electric energy made available for use in Canada in October rose 5.0 per cent to 9,196,366 mwh. from 8,756,843 in 1959. Net exports to the United States increased 34.6 per cent. Imports were down 592 mwh. to 39,148 and exports were up 95,275 mwh. to 411,601.

Electric energy used in electric boilers showed an increase of 19.0 per cent to 571,943 mwh. while the energy made available for other uses increased 4.2 per cent to 8,624,423 mwh. from 8,276,473.

Monthly electric power statistics are designed to provide current information on the production and consumption of electric energy in Canada. In order to expedite the collection and compilation of returns, the series is confined to firms which generate a minimum of 10 million kilowatt hours per annum. These firms, however, accounted for 99.3 per cent of total production in 1958.

Prior to 1957, statistics in the monthly series related only to power produced for sale. This included all of the energy produced by electric utilities but only a comparatively small amount of the generation of industrial establishments which are defined as concerns which generated electricity primarily for use in own plant. Since January 1957 when industrial establishments commenced reporting their entire production, the industrial group has accounted for approximately 21 per cent of the total production of electric energy in Canada.

Early in 1957, industrial establishments were asked to provide generation figures on the revised basis for the period 1949-1956. In some instances estimates had to be made. The results for Canada and the provinces were published as a supplement to the June 1957 report. The Supplement issued with the January 1960 report brings the provincial historical tables up to date and in line with Canada totals which are shown regularly in the monthly report.

In the electric power series, net generation is defined as total generation less the amount used in station service. Net exports to the United States are deducted from total net generation in order to arrive at the amount of electric energy made available for use in Canada. Some of the amount made available is sold as surplus or secondary power and used, for the most part, in electric boilers. As this is the only form of secondary consumption that can readily be ascertained for all provinces, energy used in electric boilers is deducted from the amount made available in order to provide a figure more closely approximating primary consumption which is recognized as the more sensitive economic indicator.

Prepared in the Public Utilities Section

8506-506-100

Electric Energy Made Available

October, 1960

	Canada	Newfoundland	Prince Edward Island	Nova Scotia
	(Thousand kwh.)			
Net generation				
Utilities:				
Hydro .....	6,821,417	74,450	-	29,323
Thermal .....	598,189	9,948	6,925	129,228
Total .....	7,419,606	84,398	6,925	158,551
Industry:				
Hydro .....	1,963,805	37,807	-	2,502
Thermal .....	185,408	2,176	-	7,625
Total .....	2,149,213	39,983	-	10,127
Total net generation .....	9,568,819	124,381	6,925	168,678
Energy imported:				
From other provinces .....	xxx	-	-	-
From United States .....	39,148	-	-	-
Total .....	39,148	-	-	-
Energy exported:				
To other provinces .....	xxx	7,773	-	25,551
To United States - primary .....	105,904	-	-	-
secondary .....	305,697	-	-	-
Total .....	411,601	7,773	-	25,551
Energy made available in Canada <sup>1</sup> .....	9,196,366	116,608	6,925	143,127
Amount used in electric boilers .....	571,943	4,565	-	-
Energy made available less amount used in boilers .....	8,624,423	112,043	6,925	143,127

Cumulative totals, January - October, 1960

Net generation				
Utilities:				
Hydro .....	69,001,480	859,378	-	512,988
Thermal .....	4,710,094	22,205	63,309	831,962
Total .....	73,711,574	881,583	63,309	1,344,950
Industry:				
Hydro .....	18,868,341	316,328	-	32,167
Thermal .....	1,911,186	23,510	-	81,764
Total .....	20,779,527	339,838	-	113,931
Total net generation .....	94,491,101	1,221,421	63,309	1,458,881
Energy imported:				
From other provinces .....	xxxx	-	-	-
From United States .....	234,922	-	-	-
Total .....	234,922	-	-	-
Energy exported:				
To other provinces .....	xxx	67,099	-	52,924
To United States - primary .....	1,073,301	-	-	-
secondary .....	3,758,060	-	-	-
Total .....	4,831,361	67,099	-	52,924
Energy made available in Canada <sup>1</sup> .....	89,894,662	1,154,322	63,309	1,405,957
Amount used in electric boilers .....	6,188,460	70,544	-	-
Energy made available less amount used in boilers .....	83,706,202	1,083,778	63,309	1,405,957
October, 1959				
Total net generation .....	9,033,429*	118,741	6,245	144,379
Total energy imported .....	39,740	-	-	-
Total energy exported .....	316,326	-	-	-
Total made available in Canada <sup>1</sup> .....	8,756,843*	118,741	6,245	144,379
Amount used in electric boilers .....	480,370*	39	-	-
Total made available less amount used in boilers .....	8,276,473*	118,702	6,245	144,379
January - October, 1959				
Total net generation .....	84,778,627*	1,133,760	57,041	1,339,840
Total energy imported .....	458,732	-	-	-
Total energy exported .....	3,692,908	-	-	-
Total made available in Canada <sup>1</sup> .....	81,544,451*	1,133,760	57,041	1,339,840
Amount used in electric boilers .....	5,045,503*	96,025	-	-
Total made available less amount used in boilers .....	76,498,948*	1,037,735	57,041	1,339,840

1. Includes interruptible and at-will energy and energy used in electric boilers.

\* Revised.



Electric Energy Made Available

October, 1960

New Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Yukon and N.W.T.
(Thousand kwh.)							
38,607	3,120,160	2,620,796	290,927	52,195	62,674	522,628	9,657
41,754	1,913	44,083	5,778	134,718	203,920	18,598	1,324
80,361	3,122,073	2,664,879	296,705	186,913	266,594	541,226	10,981
2,336	1,217,776	127,959	3,684	2,462	-	565,633	3,646
39,230	18,175	49,705	-	5,734	21,023	41,740	-
41,566	1,235,951	177,664	3,684	8,196	21,023	607,373	3,646
121,927	4,358,024	2,842,543	300,389	195,109	287,617	1,148,599	14,627
27,152	9,205	556,336	60,343	509	2,573	86	-
104	57	37,500	-	-	-	1,487	-
27,256	9,262	593,836	60,343	509	2,573	1,573	-
-	557,937	6,649	299	55,126	296	2,573	-
2,620	40,625	62,549	-	-	-	110	-
10,157	5,326	288,856	3	-	-	1,355	-
12,777	603,888	358,054	302	55,126	296	4,038	-
136,406	3,763,398	3,078,325	360,430	140,492	289,894	1,146,134	14,627
-	491,004	46,467	11,484	-	-	15,616	2,807
136,406	3,272,394	3,031,858	348,946	140,492	289,894	1,130,518	11,820
Cumulative totals, January - October, 1960							
669,731	29,726,324	27,978,534	3,062,507	478,713	736,503	4,893,212	83,590
327,504	24,806	157,245	40,979	1,282,414	1,777,730	171,374	10,566
997,235	29,751,130	28,135,779	3,103,486	1,761,127	2,514,233	5,064,586	94,156
45,242	11,665,555	1,245,636	36,000	28,051	-	5,458,337	41,025
366,944	199,563	504,321	-	52,873	243,140	439,071	-
412,186	11,865,118	1,749,957	36,000	80,924	243,140	5,897,408	41,025
1,409,421	41,616,248	29,885,736	3,139,486	1,842,051	2,757,373	10,961,994	135,181
64,843	81,887	4,799,552	606,287	5,450	27,449	2,200	-
3,868	464	164,624	-	-	-	65,966	-
68,711	82,351	4,964,176	606,287	5,450	27,449	68,166	-
-	4,811,470	113,722	3,028	507,353	4,623	27,449	-
31,805	431,706	608,369	-	-	-	1,421	-
100,785	48,561	3,594,926	29	-	-	13,759	-
132,590	5,291,737	4,317,017	3,057	507,353	4,623	42,629	-
1,345,542	36,406,862	30,532,895	3,742,716	1,340,148	2,780,199	10,987,531	135,181
1,364	5,091,400	492,168	325,957	-	-	185,350	21,677
1,344,178	31,315,462	30,040,727	3,416,759	1,340,148	2,780,199	10,802,181	113,504
147,897	3,909,103	2,826,567	324,164	179,600	271,394	1,090,983	14,356*
52	40	37,997	-	-	-	1,651	-
14,760	45,567	254,552	3	-	-	1,444	-
133,189	3,863,576	2,610,012	324,161	179,600	271,394	1,091,190	14,356*
40	388,702	31,280	44,838	-	-	13,491*	1,980
133,149	3,474,874	2,578,732	279,323	179,600	271,394	1,077,699*	12,376*
1,354,853	36,397,398	27,176,321	2,949,777	1,705,573	2,488,462	10,037,090	138,512*
635	430	445,718	-	-	-	11,949	-
121,445	457,096	3,102,805	29	-	-	11,533	-
1,234,043	35,940,732	24,519,234	2,949,748	1,705,573	2,488,462	10,037,506	138,512*
1,213	4,107,720	391,241	303,992	-	-	123,142*	22,170
1,232,830	31,833,012	24,127,993	2,645,756	1,705,573	2,488,462	9,914,364*	116,342*

# Electric Energy Made Available

January - October, 1960

Month	Total net generation	Imports from United States	Exports to United States	Total made available in Canada	Total made available less amount used in boilers	Daily Average	
						Total net generation	Total made available
(Thousand kwh.)							
January .....	9,893,665	22,441	404,270*	9,511,836*	8,823,460*	319,150	306,833*
February .....	9,440,925	13,895	348,719*	9,106,101*	8,408,341*	325,548	314,004*
March .....	10,068,585	61,292	408,548*	9,721,329*	8,957,396*	324,793	313,591*
April .....	9,411,820	23,442	448,365*	8,986,897*	8,286,958*	313,727	299,563*
May .....	9,367,828	25,504	536,474	8,856,858	8,272,260*	302,188	285,705
June .....	9,132,588	17,290	554,552	8,595,326	8,024,219*	304,420	286,511
July .....	9,034,510	6,353	642,025	8,398,838	7,858,809*	291,436	270,930
August .....	9,323,177	9,280	628,008	8,704,449	8,168,064*	300,748	280,789
September .....	9,249,184	16,277	448,800	8,816,661	8,289,201*	308,306	293,889
October .....	9,568,819	39,148	411,601	9,196,366	8,624,423	308,672	296,657
November .....							
December .....							
Total .....							

## Net generation, 1949-1960 CANADA

Year and month	Utilities			Industry			Grand total
	Hydro	Thermal	Total	Hydro	Thermal	Total	
(Thousand kwh.)							
1949 .....	35,783,737	1,390,562	37,174,299	n.a.	n.a.	12,889,749	50,064,048
1950 .....	39,342,277	1,647,557	40,989,834	"	"	13,428,593	54,418,427
1951 .....	45,819,227	1,732,652	47,551,879	"	"	13,369,527	60,921,406
1952 .....	49,156,895	2,222,115	51,379,010	"	"	14,086,950	65,465,960
1953 .....	49,160,361	3,797,345	52,957,706	"	"	16,400,824	69,358,530
1954 .....	51,713,904	3,178,434	54,892,338	"	"	17,547,555	72,439,893
1955 .....	57,996,293	3,197,153	61,193,446	"	"	18,381,161	79,574,607
1956 .....	64,013,966	4,292,898	68,306,864	"	"	19,119,968	87,426,832
1957 .....	65,817,043	5,572,995	71,390,038	17,155,908	1,714,697*	18,870,605*	90,260,643*
1958 .....	70,838,966	4,690,734	75,529,700	19,409,459	1,816,609*	21,226,068*	96,755,768*
1959 Total .....	77,251,848	5,286,363*	82,538,211*	19,265,330*	2,052,553*	21,317,883*	103,856,094*
January .....	6,411,494	612,033	7,023,527	1,573,003	180,623*	1,753,626*	8,777,153*
February .....	5,916,609	543,236	6,459,845	1,462,624	175,124*	1,637,748*	8,097,593*
March .....	6,511,897	486,023	6,997,920	1,634,633	181,840*	1,816,473*	8,814,393*
April .....	6,503,041	378,847	6,881,888	1,565,435	163,985*	1,729,420*	8,611,308*
May .....	6,610,516	378,153	6,988,669	1,586,097	164,564*	1,750,661*	8,739,330*
June .....	6,196,139	335,475	6,531,614	1,594,357	164,875*	1,759,232*	8,290,846*
July .....	6,003,112	340,624	6,343,736	1,594,731	147,432*	1,742,163*	8,085,899*
August .....	5,969,303	394,870	6,364,173	1,583,122	161,341*	1,744,463*	8,108,636*
September .....	6,083,521	432,257	6,515,778	1,535,130*	169,132*	1,704,262*	8,220,040*
October .....	6,676,139	481,073	7,157,212	1,685,384*	190,833*	1,876,217*	9,033,429*
November .....	7,032,810	450,436	7,483,246	1,666,439*	177,444*	1,843,883*	9,327,129*
December .....	7,337,267	453,336*	7,790,603*	1,784,375*	175,360*	1,959,735*	9,750,338*
1960							
January .....	7,321,713	505,605	7,827,318	1,875,005	191,342	2,066,347	4,893,665
February .....	6,933,208	466,596	7,399,804	1,856,992	184,129	2,041,121	9,440,925
March .....	7,291,110	527,259	7,818,369	2,028,749	221,467	2,250,216	10,068,585
April .....	6,884,069	412,595	7,296,664	1,929,442	185,714	2,115,156	9,411,820
May .....	6,987,146	403,964	7,391,110	1,778,286	198,432	1,976,718	9,367,828
June .....	6,778,899	383,823	7,162,722	1,778,272	191,594	1,969,866	9,132,588
July .....	6,641,461	383,830	7,025,291	1,835,921	173,298	2,009,219	9,034,510
August .....	6,717,367	491,613	7,208,980	1,926,008	188,189	2,114,197	9,323,177
September .....	6,625,090	536,620	7,161,710	1,895,861	191,613	2,087,474	9,249,184
October .....	6,821,417	598,189	7,419,606	1,963,805	185,408	2,149,213	9,568,819
November .....							
December .....							



## DOMINION BUREAU OF STATISTICS

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## ELECTRIC POWER STATISTICS

November, 1960

Hydro generation in Canada, by firms which produce 10 million kilowatt hours or more per annum, amounted to 8,812,110 megawatt hours in November 1960 while thermal generation was 771,832 mwh. Total net generation amounted to 9,583,942 mwh, which is an increase of 2.8 per cent over the 9,327,129 mwh. produced one year ago. Of this total Utilities accounted for 78.0 per cent.

The amount of electric energy made available for use in Canada in November rose 4.0 per cent to 9,266,932 mwh. from 8,906,497 in 1959. Net exports to the United States decreased 24.6 per cent. Imports were up 15,814 mwh. to 39,675 and exports down 87,808 mwh. to 356,685.

Electric energy used in electric boilers showed a decrease of 5.3 per cent to 523,762 mwh. while energy made available for other uses increased 4.7 per cent to 8,743,170 mwh. from 8,353,405.

Monthly electric power statistics are designed to provide current information on the production and consumption of electric energy in Canada. In order to expedite the collection and compilation of returns, the series is confined to firms which generate a minimum of 10 million kilowatt hours per annum. These firms, however, accounted for 99.3 per cent of total production in 1958.

Prior to 1957, statistics in the monthly series related only to power produced for sale. This included all of the energy produced by electric utilities but only a comparatively small amount of the generation of industrial establishments which are defined as concerns which generated electricity primarily for use in own plant. Since January 1957 when industrial establishments commenced reporting their entire production, the industrial group has accounted for approximately 21 per cent of the total production of electric energy in Canada.

Early in 1957, industrial establishments were asked to provide generation figures on the revised basis for the period 1949-1956. In some instances estimates had to be made. The results for Canada and the provinces were published as a supplement to the June 1957 report. The Supplement issued with the January 1960 report brings the provincial historical tables up to date and in line with Canada totals which are shown regularly in the monthly report.

In the electric power series, net generation is defined as total generation less the amount used in station service. Net exports to the United States are deducted from total net generation in order to arrive at the amount of electric energy made available for use in Canada. Some of the amount made available is sold as surplus or secondary power and used, for the most part, in electric boilers. As this is the only form of secondary consumption that can readily be ascertained for all provinces, energy used in electric boilers is deducted from the amount made available in order to provide a figure more closely approximating primary consumption which is recognized as the more sensitive economic indicator.

Prepared in the Public Utilities Section

506-506-110



Electric Energy Made Available

November, 1960

	Canada	Newfoundland	Prince Edward Island	Nova Scotia
	(Thousand kwh.)			
Net generation - Utilities: Hydro .....	6,893,835	79,473	-	40,416
Thermal .....	578,001	4,152	7,447	106,604
Total .....	7,471,836	83,625	7,447	147,020
Industry: Hydro .....	1,918,275	35,666	-	2,250
Thermal .....	193,831	2,378	-	8,220
Total .....	2,112,106	38,044	-	10,470
Total net generation .....	9,583,942	121,669	7,447	157,490
Energy imported: From other provinces .....	xxx	-	-	-
From United States .....	39,675	-	-	-
Total .....	39,675	-	-	-
Energy exported: To other provinces .....	xxx	8,244	-	7,394
To United States - primary .....	103,029	-	-	-
secondary .....	253,656	-	-	-
Total .....	356,685	8,244	-	7,394
Energy made available in Canada <sup>1</sup> .....	9,266,932	113,425	7,447	150,096
Amount used in electric boilers .....	523,762	2,548	-	-
Energy made available less amount used in boilers .....	8,743,170	110,877	7,447	150,096

Cumulative totals, January - November, 1960

Net generation - Utilities: Hydro .....	75,895,315	938,851	-	553,404
Thermal .....	5,288,842	26,357	70,756	938,566
Total .....	81,184,157	965,208	70,756	1,491,970
Industry: Hydro .....	20,785,277	350,994	-	34,417
Thermal .....	2,107,261	25,888	-	89,984
Total .....	22,892,538	376,882	-	124,401
Total net generation .....	104,076,695	1,342,090	70,756	1,616,371
Energy imported: From other provinces .....	xxx	-	-	-
From United States .....	274,597	-	-	-
Total .....	274,597	-	-	-
Energy exported: To other provinces .....	xxx	75,343	-	60,318
To United States - primary .....	1,176,330	-	-	-
secondary .....	4,011,716	-	-	-
Total .....	5,188,046	75,343	-	60,318
Energy made available in Canada <sup>1</sup> .....	99,163,246	1,266,747	70,756	1,556,053
Amount used in electric boilers .....	6,710,782	71,652	-	-
Energy made available less amount used in boilers .....	92,452,464	1,195,095	70,756	1,555,053
October, 1959				
Total net generation .....	9,033,429	118,741	6,245	144,379
Total energy imported .....	39,740	-	-	-
Total energy exported .....	317,286	2,893	-	1,308
Total made available in Canada <sup>1</sup> .....	8,755,883	115,848	6,245	143,071
Amount used in electric boilers .....	480,370	39	-	-
Total made available less amount used in boilers .....	8,275,513	115,809	6,245	143,071
November, 1959				
Total net generation .....	9,327,129	114,722	6,542	144,365
Total energy imported .....	23,861	-	-	-
Total energy exported .....	444,493	5,044	-	1,372
Total made available in Canada <sup>1</sup> .....	8,906,497	109,678	6,542	142,993
Amount used in electric boilers .....	553,092	1,266	-	-
Total made available less amount used in boilers .....	8,353,405	108,412	6,542	142,993
January - November, 1959				
Total net generation .....	94,105,756	1,248,482	63,583	1,484,205
Total energy imported .....	482,593	-	-	-
Total energy exported .....	4,138,361	45,584	-	12,564
Total made available in Canada <sup>1</sup> .....	90,449,988	1,202,898	63,583	1,471,641
Amount used in electric boilers .....	5,598,595	97,291	-	-
Total made available less amount used in boilers .....	84,851,393	1,105,607	63,583	1,471,641

1. Includes interruptible and at-will energy and energy used in electric boilers.

Electric Energy Made Available

November, 1960

New Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Yukon and N.W.T.
(Thousand kwh.)							
86,391	3,063,352	2,664,296	288,840	52,275	66,772	541,633	10,387
28,654	53	32,608	10,022	147,878	219,003	20,153	1,427
115,045	3,063,405	2,696,904	298,862	200,153	285,775	561,786	11,814
4,066	1,179,751	123,981	3,976	3,021	-	562,130	3,434
41,688	20,556	48,984	-	4,966	23,902	43,137	-
45,754	1,200,307	172,965	3,976	7,987	23,902	605,267	3,434
160,799	4,263,712	2,869,869	302,838	208,140	309,677	1,167,053	15,248
8,998	9,838	545,038	63,909	532	1,727	175	-
62	51	38,250	-	-	-	1,312	-
9,060	9,889	583,288	63,909	532	1,727	1,487	-
-	546,642	10,585	364	54,918	343	1,727	-
3,600	38,048	61,275	-	-	-	106	-
12,659	4,196	235,570	3	-	-	1,228	-
16,259	588,886	307,430	367	54,918	343	3,061	-
153,600	3,684,715	3,145,727	366,380	153,754	311,061	1,165,479	15,248
-	450,503	44,806	1,568	-	-	21,389	2,948
153,600	3,234,212	3,100,921	364,812	153,754	311,061	1,144,090	12,300

Cumulative totals, January - November, 1960

756,122	32,789,676	30,642,830	3,351,347	530,988	803,275	5,434,845	93,977
356,158	24,859	189,853	51,001	1,430,292	1,997,480	191,527	11,993
1,112,280	32,814,535	30,832,683	3,402,348	1,961,280	2,800,755	5,626,372	105,970
49,308	12,845,306	1,369,238	40,016	31,072	-	6,020,467	44,459
408,632	223,242	552,426	-	57,839	267,042	482,208	-
457,940	13,068,548	1,921,664	40,016	88,911	267,042	6,502,675	44,459
1,570,220	45,883,083	32,754,347	3,442,364	2,050,191	3,067,797	12,129,047	150,429
73,841	91,725	5,344,590	670,196	6,011	29,176	2,375	-
3,930	515	202,874	-	-	-	67,278	-
77,771	92,240	5,547,464	670,196	6,011	29,176	69,653	-
-	5,358,112	124,307	3,392	562,271	4,995	29,176	-
35,405	469,754	669,644	-	-	-	1,527	-
113,444	52,757	3,830,496	32	-	-	14,987	-
148,849	5,880,623	4,624,447	3,424	562,271	4,995	45,690	-
1,499,142	40,094,700	33,677,364	4,109,136	1,493,931	3,091,978	12,153,010	150,429
1,364	5,541,903	536,974	327,525	-	-	206,739	24,625
1,497,778	34,552,797	33,140,390	3,781,611	1,493,931	3,091,978	11,946,271	125,804
147,897	3,909,103	2,826,567	324,164	179,600	271,394	1,090,983	14,356
2,823	4,269	536,706	59,608	680	4,081	1,670	-
15,720	545,739	264,572	306	50,924	396	5,525	-
135,000	3,367,633	3,098,701	383,466	129,356	275,079	1,087,128	14,356
40	388,702	31,280	44,838	-	-	13,491	1,980
134,960	2,978,931	3,067,421	338,628	129,356	275,079	1,073,637	12,376
153,531	4,006,457	2,981,695	336,281	184,337	284,711	1,100,449	14,039
2,884	6,494	574,474	60,852	738	3,514	5,262	-
18,686	600,211	394,183	295	49,830	483	4,746	-
137,729	3,412,740	3,161,986	396,838	135,245	287,742	1,100,965	14,039
471	455,367	36,766	38,258	-	-	18,721	2,243
137,258	2,957,373	3,125,220	358,580	135,245	287,742	1,082,244	11,796
1,508,384	40,403,855	30,158,016	3,286,058	1,889,910	2,773,173	11,137,539	152,551
25,519	76,671	5,501,824	586,094	7,272	30,525	18,949	-
141,091	5,549,746	3,557,049	2,803	544,218	6,277	43,290	-
1,392,812	34,930,780	32,102,791	3,869,349	1,352,964	2,797,421	11,113,198	152,551
1,684	4,563,087	428,007	342,250	-	-	141,863	24,413
1,391,128	30,367,693	31,674,784	3,527,099	1,352,964	2,797,421	10,971,335	128,138

Electric Energy Made Available

January - November, 1960

Month	Total net generation	Imports from United States	Exports to United States	Total made available in Canada	Total made available less amount used in boilers	Daily Average	
						Total net generation	Total made available
(Thousand kwh.)							
January .....	9,893,665	22,441	404,270*	9,511,836*	8,823,460*	319,150	306,833*
February .....	9,440,925	13,895	348,719*	9,106,101*	8,408,341*	325,548	314,004*
March .....	10,068,585	61,292	408,548*	9,721,329*	8,957,396*	324,793	313,591*
April .....	9,411,820	23,442	448,365*	8,986,897*	8,286,958*	313,727	299,563*
May .....	9,367,828	25,504	536,474	8,856,858	8,272,260*	302,188	285,705
June .....	9,132,588	17,290	554,552	8,595,326	8,024,219*	304,420	286,511
July .....	9,034,510	6,353	642,025	8,398,838	7,858,809*	291,436	270,930
August .....	9,323,177	9,280	628,008	8,704,449	8,168,064*	300,748	280,789
September .....	9,249,184	16,277	448,800	8,816,661	8,289,201*	308,306	293,889
October .....	9,570,471*	39,148	411,601	9,198,018*	8,626,075*	308,725*	296,710*
November .....	9,583,942	39,675	356,685	9,266,932	8,743,170	319,465	308,898
December .....							
Total .....							

Net generation, 1949-1960  
CANADA

Year and month	Utilities			Industry			Grand total
	Hydro	Thermal	Total	Hydro	Thermal	Total	
(Thousand kwh.)							
1949 .....	35,783,737	1,390,562	37,174,299	n.a.	n.a.	12,889,749	50,064,048
1950 .....	39,342,277	1,647,557	40,989,834	"	"	13,428,593	54,418,427
1951 .....	45,819,227	1,732,652	47,551,879	"	"	13,369,527	60,921,406
1952 .....	49,156,895	2,222,115	51,379,010	"	"	14,086,950	65,465,960
1953 .....	49,160,361	3,797,345	52,957,706	"	"	16,400,824	69,358,530
1954 .....	51,713,904	3,178,434	54,892,338	"	"	17,547,555	72,439,893
1955 .....	57,996,293	3,197,153	61,193,446	"	"	18,381,161	79,574,607
1956 .....	64,013,966	4,292,898	68,306,864	"	"	19,119,968	87,426,832
1957 .....	65,817,043	5,572,995	71,390,038	17,155,908	1,714,697*	18,870,605*	90,260,643*
1958 .....	70,838,966	4,690,734	75,529,700	19,409,459	1,816,609*	21,226,068*	96,755,768*
1959 Total .....	77,251,848	5,286,363*	82,538,211*	19,265,330*	2,052,553*	21,317,883*	103,856,094*
January .....	6,411,494	612,033	7,023,527	1,573,003	180,623*	1,753,626*	8,777,153*
February .....	5,916,609	543,236	6,459,845	1,462,624	175,124*	1,637,748*	8,097,593*
March .....	6,511,897	486,023	6,997,920	1,634,633	181,840*	1,816,473*	8,814,393*
April .....	6,503,041	378,847	6,881,888	1,565,435	163,985*	1,729,420*	8,611,308*
May .....	6,610,516	378,153	6,988,669	1,586,097	164,564*	1,750,661*	8,739,330*
June .....	6,196,139	335,475	6,531,614	1,594,357	164,875*	1,759,232*	8,290,846*
July .....	6,003,112	340,624	6,343,736	1,594,731	147,432*	1,742,163*	8,085,899*
August .....	5,969,303	394,870	6,364,173	1,583,122	161,341*	1,744,463*	8,108,636*
September .....	6,083,521	432,257	6,515,778	1,535,130*	169,132*	1,704,262*	8,220,040*
October .....	6,676,139	481,073	7,157,212	1,685,384*	190,833*	1,876,217*	9,033,429*
November .....	7,032,810	450,436	7,483,246	1,666,439*	177,444*	1,843,883*	9,327,129*
December .....	7,337,267	453,336*	7,790,603*	1,784,375*	175,360*	1,959,735*	9,750,338*
1960							
January .....	7,321,713	505,605	7,827,318	1,875,005	191,342	2,066,347	4,893,665
February .....	6,933,208	466,596	7,399,804	1,856,992	184,129	2,041,121	9,440,925
March .....	7,291,110	527,259	7,818,369	2,028,749	221,467	2,250,216	10,068,585
April .....	6,884,069	412,595	7,296,664	1,929,442	185,714	2,115,156	9,411,820
May .....	6,987,146	403,964	7,391,110	1,778,286	198,432	1,976,718	9,367,828
June .....	6,778,899	383,823	7,162,722	1,778,272	191,594	1,969,866	9,132,588
July .....	6,641,461	383,830	7,025,291	1,835,921	173,298	2,009,219	9,034,510
August .....	6,717,367	491,613	7,208,980	1,926,008	188,189	2,114,197	9,323,177
September .....	6,625,090	536,620	7,161,710	1,895,861	191,613	2,087,474	9,249,184
October .....	6,821,417	598,936*	7,420,353*	1,962,466*	187,652*	2,150,118*	9,570,471*
November .....	6,893,835	578,001	7,471,836	1,918,275	193,831	2,112,106	9,583,942
December .....							





## DOMINION BUREAU OF STATISTICS

OTTAWA - CANADA

Published by Authority of the Hon. George Hees, Minister of Trade and Commerce

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UNIVERSITY OF TORONTO

## ELECTRIC POWER STATISTICS

December, 1960

Total net generation of electric energy in Canada by firms which produce 10 million kilowatt hours or more per annum amounted to 9,904,802 megawatt hours in December 1960, an increase of 1.6 per cent over the 9,750,338 megawatt hours generated one year ago. Generation by utilities fell 0.5 per cent to 7,754,638 while the industrial figure rose 9.7 per cent to 2,150,164.

The amount of electric energy made available for use in Canada in December rose 3.7 per cent to 9,679,386 mwh. from 9,331,941 mwh. in 1959 with imports increasing to 80,220 mwh. from 28,561 mwh. and exports down to 305,636 mwh. from 446,958 mwh. in 1959.

The amount used in electric boilers decreased 20.7 per cent to 547,840 mwh. from 691,163 mwh. and the energy made available for other uses showed an increase of 5.7 per cent to 9,131,546 mwh from 8,640,778 mwh.

Net generation for the year 1960 totalled 114,002,439 mwh. compared with 103,856,094 mwh. in 1959, an increase of 10,146,345 mwh or 9.8 per cent. Energy made available less the amount used in electric boilers increased 8.7 per cent to 101,604,952 mwh. from 93,492,171 mwh.

Prior to 1957, statistics in the monthly series related only to power produced for sale. This included all of the energy produced by electric utilities but only a comparatively small amount of the generation of industrial establishments which are defined as concerns which generated electricity primarily for use in own plant. Since January 1957 when industrial establishments commenced reporting their entire production, the industrial group has accounted for approximately 21 per cent of the total production of electric energy in Canada.

Early in 1957, industrial establishments were asked to provide generation figures on the revised basis for the period 1949-1956. In some instances estimates had to be made. The results for Canada and the provinces were published as a supplement to the June 1957 report. The Supplement issued with the January 1960 report brings the provincial historical tables up to date and in line with Canada totals which are shown regularly in the monthly report.

In the electric power series, net generation is defined as total generation less the amount used in station service. Net exports to the United States are deducted from total net generation in order to arrive at the amount of electric energy made available for use in Canada. Some of the amount made available is sold as surplus or secondary power and used, for the most part, in electric boilers. As this is the only form of secondary consumption that can readily be ascertained for all provinces, energy used in electric boilers is deducted from the amount made available in order to provide a figure more closely approximating primary consumption which is recognized as the more sensitive economic indicator.

Prepared in the Public Utilities Section

8506-506-120

Electric Energy Made Available

December, 1960

	Canada	Newfoundland	Prince Edward Island	Nova Scotia
	(Thousand kwh.)			
Net generation				
Utilities:				
Hydro .....	7,132,361	81,181	-	42,233
Thermal .....	622,277	2,724	8,265	112,651
Total .....	7,754,638	83,905	8,265	154,884
Industry:				
Hydro .....	1,963,575	31,634	-	1,423
Thermal .....	186,589	3,607	-	8,121
Total .....	2,150,164	35,241	-	9,544
Total net generation .....	9,904,802	119,146	8,265	164,428
Energy imported:				
From other provinces .....	xxx	-	-	-
From United States .....	80,220	-	-	-
Total .....	80,220	-	-	-
Energy exported:				
To other provinces .....	xxx	9,371	-	9,525
To United States - primary .....	96,598	-	-	-
secondary .....	209,038	-	-	-
Total .....	305,636	9,371	-	9,525
Energy made available in Canada <sup>1</sup> .....	9,679,386	109,775	8,265	154,903
Amount used in electric boilers .....	547,840	1,858	-	-
Energy made available less amount used in boilers .....	9,131,546	107,917	8,265	154,903

Cumulative totals, January - December, 1960

Net generation				
Utilities:				
Hydro .....	83,024,776	1,020,032	-	595,637
Thermal .....	5,931,119	29,081	79,021	1,051,217
Total .....	88,955,895	1,049,113	79,021	1,646,854
Industry:				
Hydro .....	22,749,051	382,628	-	35,840
Thermal .....	2,297,493	29,495	-	98,105
Total .....	25,046,544	412,123	-	133,945
Total net generation .....	114,002,439	1,461,236	79,021	1,780,799
Energy imported:				
From other provinces .....	xxx	-	-	-
From United States .....	354,817	-	-	-
Total .....	354,817	-	-	-
Energy exported:				
To other provinces .....	xxx	84,714	-	79,843
To United States - primary .....	1,272,928	-	-	-
secondary .....	4,220,754	-	-	-
Total .....	5,493,682	84,714	-	79,843
Energy made available in Canada <sup>1</sup> .....	108,863,574	1,376,522	79,021	1,700,956
Amount used in electric boilers .....	7,258,622	73,510	-	-
Energy made available less amount used in boilers .....	101,604,952	1,303,012	79,021	1,700,956
December, 1959				
Total net generation .....	9,750,338	125,398	7,185	154,680
Total energy imported .....	28,561	-	-	-
Total energy exported .....	446,958	5,369	-	1,420
Total made available in Canada <sup>1</sup> .....	9,331,941	120,029	7,185	153,260
Amount used in electric boilers .....	691,163	11,150	-	-
Total made available less amount used in boilers .....	8,640,778	108,879	7,185	153,260
January - December, 1959				
Total net generation .....	103,856,094	1,373,880	70,768	1,638,885
Total energy imported .....	511,154	-	-	-
Total energy exported .....	4,585,319	50,953	-	13,984
Total made available in Canada <sup>1</sup> .....	99,781,929	1,322,927	70,768	1,624,901
Amount used in electric boilers .....	6,289,758	108,441	-	-
Total made available less amount used in boilers .....	93,492,171	1,214,486	70,768	1,624,901

1. Includes interruptible and at-will energy and energy used in electric boilers.

\* Revised

Electric Energy Made Available  
December, 1960

New Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Yukon and N.W.T.
(Thousand kwh.)							
77,708	3,166,725	2,739,798	339,081	54,901	83,230	536,807	10,697
36,773	194	31,609	15,085	165,897	226,879	20,698	1,502
114,481	3,166,919	2,771,407	354,166	220,798	310,109	557,505	12,199
3,778	1,197,604	126,323	4,252	3,104	-	592,100	3,357
39,288	21,263	48,813	1	4,757	26,629	34,110	-
43,066	1,218,867	175,136	4,253	7,861	26,629	626,210	3,357
157,547	4,385,786	2,946,543	358,419	228,659	336,738	1,183,715	15,556
11,353	11,125	565,975	68,915	369	829	649	-
83	54	78,716	-	-	-	1,367	-
11,436	11,179	644,691	68,915	369	829	2,016	-
-	567,789	13,364	383	57,305	649	829	-
8,912	29,794	57,774	-	-	-	118	-
6,874	6,194	194,681	3	-	-	1,286	-
15,786	603,777	265,819	386	57,305	649	2,233	-
153,197	3,793,188	3,325,415	426,948	171,723	336,918	1,183,498	15,556
-	451,460	48,578	16,235	-	-	26,459	3,250
153,197	3,341,728	3,276,837	410,713	171,723	336,918	1,157,039	12,306

Cumulative totals, January - December, 1960

833,830	35,956,401	33,379,628	3,690,428	585,889	886,505	5,971,752	104,674
392,931	25,053	221,462	66,086	1,596,189	2,244,359	212,225	13,495
1,226,761	35,981,454	33,601,090	3,756,514	2,182,078	3,130,864	6,183,977	118,169
53,086	14,043,110	1,495,561	44,268	34,176	-	6,612,566	47,816
447,920	245,927	601,260	1	62,596	295,871	516,318	-
501,006	14,289,037	2,096,821	44,269	96,772	295,871	7,128,884	47,816
1,727,767	50,270,491	35,697,911	3,800,783	2,278,850	3,426,735	13,312,862	165,985
95,194	102,850	5,900,565	739,111	6,390	30,005	3,024	-
4,013	569	281,590	-	-	-	68,645	-
99,207	103,419	6,182,155	739,111	6,390	30,005	71,669	-
-	5,915,901	137,671	3,785	619,576	5,644	30,005	-
44,317	499,548	727,418	-	-	-	1,645	-
120,318	58,951	4,025,177	35	-	-	16,273	-
164,635	6,474,400	4,890,266	3,820	619,576	5,644	47,923	-
1,662,339	43,899,510	36,989,800	4,536,074	1,665,664	3,451,096	13,336,607	165,985
1,364	5,993,363	585,552	343,760	-	-	233,198	27,875
1,660,975	37,906,147	36,404,248	4,192,314	1,665,664	3,451,096	13,103,409	138,110
158,590	4,223,225	3,089,112	347,054	194,308	297,342	1,139,188	14,256
3,123	6,762	591,795	66,253	792	3,612	11,351	-
19,048	622,506	396,620	322	51,522	501	4,777	-
142,665	3,607,481	3,284,287	412,985	143,578	300,453	1,145,762	14,256
363	545,131	56,774	50,997	-	-	24,691	2,057
142,302	3,062,350	3,227,513	361,988	143,578	300,453	1,121,071	12,199
1,666,974	44,627,080	33,247,128	3,633,112	2,084,218	3,070,515	12,276,727	166,807
28,642	83,433	6,093,619	652,347	8,064	34,137	30,300	-
160,139	6,172,252	3,953,669	3,125	595,740	6,778	48,067	-
1,535,477	38,538,261	35,387,078	4,282,334	1,496,542	3,097,874	12,258,960	166,807
2,047	5,108,218	484,781	393,247	-	-	166,554	26,470
1,533,430	33,430,043	34,902,297	3,889,087	1,496,542	3,097,874	12,092,406	140,337



## Electric Energy Made Available

January - December, 1960

Month	Total net generation	Imports from United States	Exports to United States	Total made available in Canada	Total made available less amount used in boilers	Daily Average	
						Total net generation	Total made available
(Thousand kwh.)							
January .....	9,894,765*	22,441	404,270	9,511,936*	8,817,575*	319,154*	306,837*
February .....	9,442,925*	13,895	348,719	9,108,101*	8,408,557*	325,618*	314,073*
March .....	10,068,585	61,292	408,547*	9,721,330*	8,956,815*	324,793	313,591
April .....	9,408,820*	23,442	448,365	8,983,897*	8,284,380*	313,627*	299,463*
May .....	9,367,827*	25,504	536,474	8,856,857*	8,272,903*	302,188	285,705
June .....	9,132,688*	17,290	554,552	8,595,426*	8,023,908*	304,423*	277,272*
July .....	9,054,510*	6,353	642,025	8,418,838*	7,878,704*	292,081*	271,575*
August .....	9,323,377*	9,280	628,008	8,704,649*	8,168,693*	300,754*	280,795*
September .....	9,249,284*	16,277	448,800	8,816,761*	8,289,743*	308,309*	293,892*
October .....	9,571,411*	39,148	411,601	9,198,958*	8,628,455*	308,755*	296,740*
November .....	9,584,445*	39,675	356,685	9,267,435*	8,743,673*	319,481*	308,915*
December .....	9,904,802	80,220	305,636	9,679,386	9,131,546	319,509	312,238
Total .....	114,002,439	354,817	5,493,682	108,863,574	101,604,952	311,482	297,450

Net generation, 1949-1960  
CANADA

Year and month	Utilities			Industry			Grand total
	Hydro	Thermal	Total	Hydro	Thermal	Total	
(Thousand kwh.)							
1949 .....	35,783,737	1,390,562	37,174,299	n.a.	n.a.	12,889,749	50,064,048
1950 .....	39,342,277	1,647,557	40,989,834	"	"	13,428,593	54,418,427
1951 .....	45,819,227	1,732,652	47,551,879	"	"	13,369,527	60,921,406
1952 .....	49,156,895	2,222,115	51,379,010	"	"	14,086,950	65,465,960
1953 .....	49,160,361	3,797,345	52,957,706	"	"	16,400,824	69,358,530
1954 .....	51,713,904	3,178,434	54,892,338	"	"	17,547,555	72,439,893
1955 .....	57,996,293	3,197,153	61,193,446	"	"	18,381,161	79,574,607
1956 .....	64,013,966	4,292,898	68,306,864	"	"	19,119,968	87,426,832
1957 .....	65,817,043	5,572,995	71,390,038	17,155,908	1,714,697*	18,870,605*	90,260,643*
1958 .....	70,838,966	4,690,734	75,529,700	19,409,459	1,816,609*	21,226,068*	96,755,768*
1959 Total .....	77,251,848	5,286,363*	82,538,211*	19,265,330*	2,052,553*	21,317,883*	103,856,094*
January .....	6,411,494	612,033	7,023,527	1,573,003	180,623*	1,753,626*	8,777,153*
February .....	5,916,609	543,236	6,459,845	1,462,624	175,124*	1,637,748*	8,097,593*
March .....	6,511,897	486,023	6,997,920	1,634,633	181,840*	1,816,473*	8,814,393*
April .....	6,503,041	378,847	6,881,888	1,565,435	163,985*	1,729,420*	8,611,308*
May .....	6,610,516	378,153	6,988,669	1,586,097	164,564*	1,750,661*	8,739,330*
June .....	6,196,139	335,475	6,531,614	1,594,357	164,875*	1,759,232*	8,290,846*
July .....	6,003,112	340,624	6,343,736	1,594,731	147,432*	1,742,163*	8,085,899
August .....	5,969,303	394,870	6,364,173	1,583,122	161,341*	1,744,463*	8,108,636
September .....	6,083,521	432,257	6,515,778	1,535,130*	169,132*	1,704,262*	8,220,040
October .....	6,676,139	481,073	7,157,212	1,685,384*	190,833*	1,876,217*	9,033,429
November .....	7,032,810	450,436	7,483,246	1,666,439*	177,444*	1,843,883*	9,327,129
December .....	7,337,267	453,336*	7,790,603*	1,784,375*	175,360*	1,959,735*	9,750,338
1960							
January .....	7,321,813*	505,605	7,827,418*	1,875,005	191,342	2,066,347	9,893,765
February .....	6,933,208	466,596	7,399,804	1,856,992	186,129*	2,043,121*	9,442,925
March .....	7,291,110	527,259	7,818,369	2,028,749	221,467	2,250,216	10,068,585
April .....	6,881,069*	412,595	7,293,664*	1,929,442	185,714	2,115,156	9,408,820
May .....	6,987,146	403,964	7,391,110	1,778,285*	198,432	1,976,717*	9,367,827
June .....	6,778,899	383,823	7,162,722	1,778,372*	191,594	1,969,966*	9,132,688
July .....	6,641,461	403,830*	7,045,291*	1,835,921	173,298	2,009,219	9,054,510
August .....	6,717,367	491,613	7,208,980	1,926,008	188,389*	2,114,397*	9,323,377
September .....	6,625,090	536,620	7,161,710	1,895,961*	191,613	2,087,574*	9,249,284
October .....	6,821,417	598,936	7,420,353	1,962,466	188,592*	2,151,058*	9,571,411
November .....	6,893,835	578,001	7,471,836	1,918,275	194,334*	2,112,609*	9,584,445
December .....	7,132,361	622,277	7,754,638	1,963,575	186,589	2,150,164	9,904,802



# DOMINION BUREAU OF STATISTICS

OTTAWA - CANADA

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## ELECTRIC POWER STATISTICS

January, 1961

Total net generation of electric energy in Canada by firms which produce 10 million kilowatt hours or more per annum amounted to 9,979,248 megawatt hours in January 1961, an increase of 0.9 per cent over the 9,888,213 megawatt hours generated one year ago. Although generation by utilities decreased 0.3 per cent to 7,806,566 mwh. industrial generation rose 5.4 per cent to 2,172,682.

With imports up sharply to 95,650 mwh. from 22,441 and exports down 31.2 per cent to 277,849 mwh. from 404,270 the amount of electric energy made available for use in Canada during January rose 3.1 per cent to a record high of 9,797,049 mwh.

A decline of 16.3 per cent in the amount of energy used in electric boilers, largely in the provinces of Newfoundland and Quebec, brought the amount of electric energy made available for other uses to a new high of 9,215,587 mwh., 4.6 per cent above the previous year.

Energy generated in the 12 month period ending January 31, 1961 amounted to 114,088,192 mwh., a slight increase over the 113,997,157 mwh. generated in the previous 12 month period.

Monthly electric power statistics are designed to provide current information on the production and consumption of electric energy in Canada. In order to expedite the collection and compilation of returns, the series is confined to firms which generate a minimum of 10 million kilowatt hours per annum. These firms, however, accounted for 99.3 per cent of total production in 1959.

In the electric power series, net generation is defined as total generation less the amount used in station service. Net exports to the United States are deducted from total net generation in order to arrive at the amount of electric energy made available for use in Canada. Some of the amount made available is sold as surplus or secondary power and used, for the most part, in electric boilers. As this is the only form of secondary consumption that can readily be ascertained for all provinces, energy used in electric boilers is deducted from the amount made available in order to provide a figure more closely approximating primary consumption which is recognized as the more sensitive economic indicator.

Prepared in the Public Utilities Section

3506-506-11

Electric Energy Made Available

January, 1961

	Canada	Newfoundland	Prince Edward Island	Nova Scotia
	thousand kwh.			
Net generation:				
Utilities:				
Hydro .....	7,126,607	84,892	-	42,983
Thermal .....	679,959	1,299	8,154	112,892
Total utilities .....	7,806,566	86,191	8,154	155,875
Industry:				
Hydro .....	1,969,032	31,382	-	2,300
Thermal .....	203,650	3,949	-	8,002
Total industry .....	2,172,682	35,331	-	10,302
Total net generation .....	9,979,248	121,522	8,154	166,177
Energy imported:				
From other provinces .....	...	-	-	-
From United States .....	95,650	-	-	-
Total imported .....	95,650	-	-	-
Energy exported:				
To other provinces .....	...	6,503	-	12,487
To United States - Primary .....	96,841	-	-	-
Secondary .....	181,008	-	-	-
Total exported .....	277,849	6,503	-	12,487
Energy made available in Canada(1) .....	9,797,049	115,019	8,154	153,690
Amount used in electric boilers .....	581,462	1,555	-	-
Energy made available less amount used in boilers .....	9,215,587	113,464	8,154	153,690
Cumulative totals, January - 1961				
Net generation:				
Utilities:				
Hydro .....				
Thermal .....				
Total utilities .....				
Industry:				
Hydro .....				
Thermal .....				
Total industry .....				
Total net generation .....				
Energy imported:				
From other provinces .....				
From United States .....				
Total imported .....				
Energy exported:				
To other provinces .....				
To United States - Primary .....				
Secondary .....				
Total exported .....				
Energy made available in Canada(1) .....				
Amount used in electric boilers .....				
Energy made available less amount used in boilers .....				
January 1960				
Total net generation .....	9,888,213	127,657	6,968	153,288
Total energy imported .....	22,441	-	-	-
Total energy exported .....	404,270	5,117	-	1,392
Total made available in Canada(1) .....	9,506,384	122,540	6,968	151,896
Amount used in electric boilers .....	694,361	14,212	-	-
Total made available less amount used in boilers .....	8,812,023	108,328	6,968	151,896
January -				
Total net generation .....				
Total energy imported .....				
Total energy exported .....				
Total made available in Canada(1) .....				
Amount used in electric boilers .....				
Total made available less amount used in boilers .....				

(1) Includes interruptible and at-will energy and energy used in electric boilers.  
Figures not appropriate or not applicable.



Electric Energy Made Available

January, 1961

New Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Yukon and N.W.T.
thousand kwh.							
54,196	3,188,188	2,710,077	343,407	55,958	76,939	558,949	11,018
47,264	365	81,265	8,676	166,520	231,793	20,182	1,549
101,460	3,188,553	2,791,342	352,083	222,478	308,732	579,131	12,567
3,256	1,195,488	120,524	4,371	3,055	-	605,336	3,320
42,998	21,370	57,225	-	4,308	24,386	41,412	-
46,254	1,216,858	177,749	4,371	7,363	24,386	646,748	3,320
147,714	4,405,411	2,969,091	356,454	229,841	333,118	1,225,879	15,887
14,302	8,559	565,553	95,332	391	899	398	-
124	70	93,956	-	-	-	1,500	-
14,426	8,629	659,509	95,332	391	899	1,898	-
-	567,368	38,947	391	58,441	398	899	-
8,710	29,814	58,195	-	-	-	122	-
2,810	10,003	165,069	4	-	-	3,122	-
11,520	607,185	262,211	395	58,441	398	4,143	-
150,620	3,806,855	3,366,389	451,391	171,791	333,619	1,223,634	15,887
-	447,304	63,670	36,826	-	-	27,182	4,925
150,620	3,359,551	3,302,719	414,565	171,791	333,619	1,196,452	10,962

Cumulative totals, January - 1961

53,170	4,355,807	3,048,292	355,758	204,945	310,328	1,158,516	13,484
3,039	6,912	593,401	72,640	694	1,824	8,012	-
14,272	628,439	360,495	373	54,096	884	3,283	-
41,937	3,734,280	3,281,198	428,025	151,543	311,268	1,163,245	13,484
-	547,099	57,426	48,324	-	-	25,535	1,765
41,937	3,187,181	3,223,772	379,701	151,543	311,268	1,137,710	11,719

# Electric Energy Made Available

January, 1961

Month	Total net generation	Imports from United States	Exports to United States	Total made available in Canada	Total made available less amount used in boilers	Daily Average	
						Total net generation	Total made available
thousand kwh.							
January .....	9,979,248	95,650	277,849	9,797,049	9,215,587	321,911	316,034
February .....							
March .....							
April .....							
May .....							
June .....							
July .....							
August .....							
September .....							
October .....							
November .....							
December .....							
Year .....							

## Net Generation, 1949-61

### CANADA

Year and month	Utilities			Industry			Grand total
	Hydro	Thermal	Total	Hydro	Thermal	Total	
thousand kwh.							
1949 .....	35,783,737	1,390,562	37,174,299	..	..	12,889,749	50,064,048
1950 .....	39,342,277	1,647,557	40,989,834	..	..	13,428,593	54,418,427
1951 .....	45,819,227	1,732,652	47,551,879	..	..	13,369,527	60,921,406
1952 .....	49,156,895	2,222,115	51,379,010	..	..	14,086,950	65,465,960
1953 .....	49,160,361	3,797,345	52,957,706	..	..	16,400,824	69,358,530
1954 .....	51,713,904	3,178,434	54,892,338	..	..	17,547,555	72,439,893
1955 .....	57,996,293	3,197,153	61,193,446	..	..	18,381,161	79,574,607
1956 .....	64,013,966	4,292,898	68,306,864	..	..	19,119,968	87,426,832
1957 .....	65,817,043	5,572,995	71,390,038	17,155,908	1,714,697	18,870,605	90,260,643
1958 .....	70,838,966	4,690,734	75,529,700	19,409,459	1,816,609	21,226,068	96,755,768
1959 .....	77,251,848	5,286,363	82,538,211	19,265,330	2,052,553	21,317,883	103,856,094
1960 .....	83,024,886	5,931,279	88,956,165	22,743,499	2,297,493	25,040,992	113,997,157
1960 January .....	7,321,813	505,605	7,827,418	1,869,453	191,342	2,060,795	9,888,213
February .....	6,933,208	466,596	7,399,804	1,856,992	186,129	2,043,121	9,442,925
March .....	7,291,110	527,259	7,818,369	2,028,749	221,467	2,250,216	10,068,585
April .....	6,881,069	412,595	7,293,664	1,929,442	185,714	2,115,156	9,408,820
May .....	6,987,146	403,964	7,391,110	1,778,285	198,432	1,976,717	9,367,827
June .....	6,778,899	383,823	7,162,722	1,778,372	191,594	1,969,966	9,132,688
July .....	6,641,461	403,830	7,045,291	1,835,921	173,298	2,009,219	9,054,510
August .....	6,717,367	491,613	7,208,980	1,926,008	188,389	2,114,397	9,323,377
September .....	6,625,090	536,620	7,161,710	1,895,961	191,613	2,087,574	9,249,284
October .....	6,821,417	598,936	7,420,353	1,962,466	188,592	2,151,058	9,571,411
November .....	6,893,835	578,001	7,471,836	1,918,275	194,334	2,112,609	9,584,445
December .....	7,132,471	622,437	7,754,908	1,963,575	186,589	2,150,164	9,905,072
1961 January .....	7,126,607	679,959	7,806,566	1,969,032	203,650	2,172,682	9,979,248
February .....							
March .....							
April .....							
May .....							
June .....							
July .....							
August .....							
September .....							
October .....							
November .....							
December .....							

.. Figures not available.



## DOMINION BUREAU OF STATISTICS

OTTAWA - CANADA

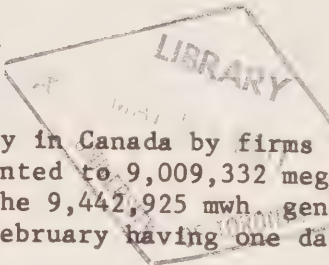
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## ELECTRIC POWER STATISTICS

February, 1961



Total net generation of electric energy in Canada by firms which produce 10 million kilowatt hours or more per annum amounted to 9,009,332 megawatt hours in February 1961, a decrease of 4.6 per cent from the 9,442,925 mwh. generated one year ago. Part of the decline may be attributed to February having one day less than last year.

Generation by utilities decreased 5.4 per cent to 6,998,934 mwh. and industrial generation decreased 1.6 per cent to 2,010,398 mwh. Most of the decrease occurred in Quebec and Ontario where late February storms disrupted electric transmission lines.

The amount made available in Canada decreased 2.5 per cent to 8,881,721 mwh. from 9,108,101 although imports in February increased to 99,161 mwh. from 13,895 and exports decreased 35.0 per cent to 226,772 mwh. from 348,719.

In order to supply 8,420,766 mwh. of electricity (a slight 0.1 per cent increase) for use in other than electric boilers the energy sold to electric boilers was reduced by 34.1 per cent to 460,955 mwh. from 699,544.

Energy generated in the twelve month period ending February 28, 1961 amounted to 113,654,599 mwh., a slight decrease from the 114,088,192 mwh. generated in the preceding 12 month period.

Monthly electric power statistics are designed to provide current information on the production and consumption of electric energy in Canada. In order to expedite the collection and compilation of returns, the series is confined to firms which generate a minimum of 10 million kilowatt hours per annum. These firms, however, accounted for 99.3 per cent of total production in 1959.

In the electric power series, net generation is defined as total generation less the amount used in station service. Net exports to the United States are deducted from total net generation in order to arrive at the amount of electric energy made available for use in Canada. Some of the amount made available is sold as surplus or secondary power and used, for the most part, in electric boilers. As this is the only form of secondary consumption that can readily be ascertained for all provinces, energy used in electric boilers is deducted from the amount made available in order to provide a figure more closely approximating primary consumption which is recognized as the more sensitive economic indicator.

Prepared in the Public Utilities Section

B506-506-21



Electric Energy Made Available

February, 1961

	Canada	Newfoundland	Prince Edward Island	Nova Scotia
thousand kwh.				
Net generation:				
Utilities:				
Hydro .....	6,345,114	74,735	-	31,533
Thermal .....	653,820	2,460	6,941	125,480
Total utilities .....	6,998,934	77,195	6,941	157,013
Industry:				
Hydro .....	1,811,204	26,529	-	2,183
Thermal .....	199,194	5,686	-	6,940
Total industry .....	2,010,398	32,215	-	9,123
Total net generation .....	9,009,332	109,410	6,941	166,136
Energy imported:				
From other provinces .....	...	-	-	-
From United States .....	99,161	-	-	-
Total imported .....	99,161	-	-	-
Energy exported:				
To other provinces .....	...	7,692	-	18,717
To United States - Primary .....	87,633	-	-	-
Secondary .....	139,139	-	-	-
Total exported .....	226,772	7,692	-	18,717
Energy made available in Canada(1) .....	8,881,721	101,718	6,941	147,419
Amount used in electric boilers .....	460,955	-	-	-
Energy made available less amount used in boilers .....	8,420,766	101,718	6,941	147,419
Cumulative totals, January - February, 1961				
Net generation:				
Utilities:				
Hydro .....	13,472,415	159,627	-	74,516
Thermal .....	1,333,778	3,759	15,095	238,372
Total utilities .....	14,806,193	163,386	15,095	312,888
Industry:				
Hydro .....	3,780,236	57,911	-	4,483
Thermal .....	402,844	9,635	-	14,942
Total industry .....	4,183,080	67,546	-	19,425
Total net generation .....	18,989,273	230,932	15,095	332,313
Energy imported:				
From other provinces .....	...	-	-	-
From United States .....	194,811	-	-	-
Total imported .....	194,811	-	-	-
Energy exported:				
To other provinces .....	...	14,195	-	31,204
To United States - Primary .....	184,474	-	-	-
Secondary .....	320,147	-	-	-
Total exported .....	504,621	14,195	-	31,204
Energy made available in Canada(1) .....	18,679,463	216,737	15,095	301,109
Amount used in electric boilers .....	1,042,417	1,555	-	-
Energy made available less amount used in boilers .....	17,637,046	215,182	15,095	301,109
February, 1960				
Total net generation .....	9,442,925	124,888	6,286	143,594
Total energy imported .....	13,895	-	-	-
Total energy exported .....	348,719	5,289	-	1,364
Total made available in Canada(1) .....	9,108,101	119,599	6,286	142,230
Amount used in electric boilers .....	699,544	13,829	-	-
Total made available less amount used in boilers .....	8,408,557	105,770	6,286	142,230
January - February, 1960				
Total net generation .....	19,331,138	252,545	13,254	296,882
Total energy imported .....	36,336	-	-	-
Total energy exported .....	752,989	10,406	-	2,756
Total made available in Canada(1) .....	18,614,485	242,139	13,254	294,126
Amount used in electric boilers .....	1,393,905	28,041	-	-
Total made available less amount used in boilers .....	17,220,580	214,098	13,254	294,126

(1) Includes interruptible and at-will energy and energy used in electric boilers.  
... Figures not appropriate or not applicable.

Electric Energy Made Available

February, 1961

New Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Yukon and N.W.T.
32,708	2,893,070	2,366,949	299,286	50,621	72,809	513,501	9,902
41,760	57	102,013	7,023	143,032	204,904	18,504	1,646
74,468	2,893,127	2,468,962	306,309	193,653	277,713	532,005	11,548
2,031	1,132,852	98,733	3,832	2,738	-	539,041	3,265
41,082	20,006	56,302	-	4,008	23,784	41,386	-
43,113	1,152,858	155,035	3,832	6,746	23,784	580,427	3,265
117,581	4,045,985	2,623,997	310,141	200,399	301,497	1,112,432	14,813
20,289	9,278	499,839	71,280	408	1,525	203	-
124	60	97,388	-	-	-	1,589	-
20,413	9,338	597,227	71,280	408	1,525	1,792	-
-	501,411	20,231	408	52,635	203	1,525	-
9,008	26,571	51,953	-	-	-	101	-
1,812	9,002	126,863	3	-	-	1,459	-
10,820	536,984	199,047	411	52,635	203	3,085	-
127,174	3,518,339	3,022,177	381,010	148,172	302,819	1,111,139	14,813
-	390,189	39,926	1,489	-	-	25,552	3,799
127,174	3,128,150	2,982,251	379,521	148,172	302,819	1,085,587	11,014

Cumulative totals, January - February, 1961

86,904	6,081,258	5,077,026	642,693	106,579	149,748	1,073,144	20,920
89,024	422	183,278	15,699	309,552	436,697	38,685	3,195
175,928	6,081,680	5,260,304	658,392	416,131	586,445	1,111,829	24,115
5,287	2,328,340	219,257	8,203	5,793	-	1,144,377	6,585
84,080	41,376	113,527	-	8,316	48,170	82,798	-
89,367	2,369,716	332,784	8,203	14,109	48,170	1,227,175	6,585
265,295	8,451,396	5,593,088	666,595	430,240	634,615	2,339,004	30,700
34,591	17,837	1,065,392	166,612	799	2,424	601	-
248	130	191,344	-	-	-	3,089	-
34,839	17,967	1,256,736	166,612	799	2,424	3,690	-
-	1,068,779	59,178	799	111,076	601	2,424	-
17,718	56,385	110,148	-	-	-	223	-
4,622	19,005	291,932	7	-	-	4,581	-
22,340	1,144,169	461,258	806	111,076	601	7,228	-
277,794	7,325,194	6,388,566	832,401	319,963	636,438	2,335,466	30,700
-	837,493	103,596	38,315	-	-	52,734	8,724
277,794	6,487,701	6,284,970	794,086	319,963	636,438	2,282,732	21,976
143,611	4,237,871	2,870,856	330,568	190,138	289,596	1,093,284	12,233
2,797	6,793	570,951	68,772	619	1,446	2,642	-
12,753	604,371	309,536	335	51,243	938	3,015	-
133,655	3,640,293	3,132,271	399,005	139,514	290,104	1,092,911	12,233
-	553,004	57,195	48,346	-	-	25,540	1,630
133,655	3,087,289	3,075,076	350,659	139,514	290,104	1,067,371	10,603
296,781	8,593,678	5,919,148	686,326	395,083	599,924	2,251,800	25,717
5,836	13,705	1,164,352	141,412	1,313	3,270	10,654	-
27,025	1,232,810	670,031	708	105,339	1,822	6,298	-
275,592	7,374,573	6,413,469	827,030	291,057	601,372	2,256,156	25,717
-	1,100,103	114,621	96,670	-	-	51,075	3,395
275,592	6,274,470	6,298,848	730,360	291,057	601,372	2,205,081	22,322

Electric Energy Made Available

January - February, 1961

Month	Total net generation	Imports from United States	Exports to United States	Total made available in Canada	Total made available less amount used in boilers	Daily Average	
						Total net generation	Total made available
thousand kwh.							
January .....	9,979,248	95,650	277,849	9,797,049	9,215,587	321,911	316,034
February .....	9,009,332	99,161	226,772	8,881,721	8,420,766	321,762	317,204
March .....							
April .....							
May .....							
June .....							
July .....							
August .....							
September .....							
October .....							
November .....							
December .....							
Year .....							

Net Generation, 1949-61

CANADA

Year and month	Utilities			Industry			Grand total
	Hydro	Thermal	Total	Hydro	Thermal	Total	
thousand kwh.							
1949 .....	35,783,737	1,390,562	37,174,299	..	..	12,889,749	50,064,048
1950 .....	39,342,277	1,647,557	40,989,834	..	..	13,428,593	54,418,427
1951 .....	45,819,227	1,732,652	47,551,879	..	..	13,369,527	60,921,406
1952 .....	49,156,895	2,222,115	51,379,010	..	..	14,086,950	65,465,960
1953 .....	49,160,361	3,797,345	52,957,706	..	..	16,400,824	69,358,530
1954 .....	51,713,904	3,178,434	54,892,338	..	..	17,547,555	72,439,893
1955 .....	57,996,293	3,197,153	61,193,446	..	..	18,381,161	79,574,607
1956 .....	64,013,966	4,292,898	68,306,864	..	..	19,119,968	87,426,832
1957 .....	65,817,043	5,572,995	71,390,038	17,155,908	1,714,697	18,870,605	90,260,643
1958 .....	70,838,966	4,690,734	75,529,700	19,409,459	1,816,609	21,226,068	96,755,768
1959 .....	77,251,848	5,286,363	82,538,211	19,265,330	2,052,553	21,317,883	103,856,094
1960 .....	83,024,886	5,931,279	88,956,165	22,743,499	2,297,493	25,040,992	113,997,157
1960 January .....	7,321,813	505,605	7,827,418	1,869,453	191,342	2,060,795	9,888,213
February .....	6,933,208	466,596	7,399,804	1,856,992	186,129	2,043,121	9,442,925
March .....	7,291,110	527,259	7,818,369	2,028,749	221,467	2,250,216	10,068,585
April .....	6,881,069	412,595	7,293,664	1,929,442	185,714	2,115,156	9,408,820
May .....	6,987,146	403,964	7,391,110	1,778,285	198,432	1,976,717	9,367,827
June .....	6,778,899	383,823	7,162,722	1,778,372	191,594	1,969,966	9,132,688
July .....	6,641,461	403,830	7,045,291	1,835,921	173,298	2,009,219	9,054,510
August .....	6,717,367	491,613	7,208,980	1,926,008	188,389	2,114,397	9,323,377
September .....	6,625,090	536,620	7,161,710	1,895,961	191,613	2,087,574	9,249,284
October .....	6,821,417	598,936	7,420,353	1,962,466	188,592	2,151,058	9,571,411
November .....	6,893,835	578,001	7,471,836	1,918,275	194,334	2,112,609	9,584,445
December .....	7,132,471	622,437	7,754,908	1,963,575	186,589	2,150,164	9,905,072
1961 January .....	7,126,607	679,959	7,806,566	1,969,032	203,650	2,172,682	9,979,248
February .....	6,345,114	653,820	6,998,934	1,811,204	199,194	2,010,398	9,009,332
March .....							
April .....							
May .....							
June .....							
July .....							
August .....							
September .....							
October .....							
November .....							
December .....							

.. Figures not available.





## ELECTRIC POWER STATISTICS

March, 1961

Total net generation of electric energy in Canada by firms which produce 10 million kilowatt hours or more per annum amounted to 9,859,270 megawatt hours in March 1961, a decrease of 2.1 per cent from the 10,068,585 mwh. generated one year ago.

Generation by utilities decreased 2.8 per cent to 7,595,880 mwh. and industrial generation increased 0.6 per cent to 2,263,390 mwh.

The amount made available in Canada decreased 0.6 per cent to 9,658,853 mwh. from 9,721,329 although imports in March increased to 82,473 from 61,292 and exports decreased 30.8 per cent to 282,890 mwh. from 408,548.

In order to supply 9,061,567 mwh. of electricity for use in other than electric boilers the energy sold to electric boilers was reduced 21.9 per cent to 597,286 mwh. from 764,515.

Energy generated in the twelve month period ending March 31, 1961 amounted to 113,445,978 mwh.

Monthly electric power statistics are designed to provide current information on the production and consumption of electric energy in Canada. In order to expedite the collection and compilation of returns, the series is confined to firms which generate a minimum of 10 million kilowatt hours per annum. These firms, however, accounted for 99.3 per cent of total production in 1959.

In the electric power series, net generation is defined as total generation less the amount used in station service. Net exports to the United States are deducted from total net generation in order to arrive at the amount of electric energy made available for use in Canada. Some of the amount made available is sold as surplus or secondary power and used, for the most part, in electric boilers. As this is the only form of secondary consumption that can readily be ascertained for all provinces, energy used in electric boilers is deducted from the amount made available in order to provide a figure more closely approximating primary consumption which is recognized as the more sensitive economic indicator.

Prepared in the Public Utilities Section

8506-506-31



Electric Energy Made Available

March, 1961

	Canada	Newfoundland	Prince Edward Island	Nova Scotia
thousand kwh.				
Net generation:				
Utilities:				
Hydro .....	6,983,874	82,941	-	39,290
Thermal .....	612,006	2,928	7,013	122,691
Total utilities .....	7,595,880	85,869	7,013	161,981
Industry:				
Hydro .....	2,046,435	25,591	-	2,536
Thermal .....	216,955	6,316	-	8,661
Total industry .....	2,263,390	31,907	-	11,197
Total net generation .....	9,859,270	117,776	7,013	173,178
Energy imported:				
From other provinces .....	...	-	-	-
From United States .....	82,473	-	-	-
Total imported .....	82,473	-	-	-
Energy exported:				
To other provinces .....	...	6,380	-	22,237
To United States - Primary .....	93,261	-	-	-
Secondary .....	189,629	-	-	-
Total exported .....	282,890	6,380	-	22,237
Energy made available in Canada(1) .....	9,658,853	111,396	7,013	150,941
Amount used in electric boilers .....	597,286	-	-	-
Energy made available less amount used in boilers .....	9,061,567	111,396	7,013	150,941
Cumulative totals, January - March, 1961				
Net generation:				
Utilities:				
Hydro .....	20,456,289	242,568	-	113,806
Thermal .....	1,945,785	6,687	22,108	361,063
Total utilities .....	22,402,074	249,255	22,108	474,869
Industry:				
Hydro .....	5,826,671	83,502	-	7,019
Thermal .....	619,799	15,951	-	23,603
Total industry .....	6,446,470	99,453	-	30,622
Total net generation .....	28,848,544	348,708	22,108	505,491
Energy imported:				
From other provinces .....	...	-	-	-
From United States .....	277,284	-	-	-
Total imported .....	277,284	-	-	-
Energy exported:				
To other provinces .....	...	20,575	-	53,441
To United States - Primary .....	277,735	-	-	-
Secondary .....	509,776	-	-	-
Total exported .....	787,511	20,575	-	53,441
Energy made available in Canada(1) .....	28,338,317	328,133	22,108	452,050
Amount used in electric boilers .....	1,622,888	1,555	-	-
Energy made available less amount used in boilers .....	26,715,429	326,578	22,108	452,050
March, 1960				
Total net generation .....	10,068,585	131,933	6,633	153,894
Total energy imported .....	61,292	-	-	-
Total energy exported .....	408,548	6,418	-	1,372
Total made available in Canada(1) .....	9,721,329	125,515	6,633	152,522
Amount used in electric boilers .....	764,515	12,558	-	-
Total made available less amount used in boilers .....	8,956,814	112,957	6,633	152,522
January - March, 1960				
Total net generation .....	29,399,723	384,478	19,887	450,776
Total energy imported .....	97,628	-	-	-
Total energy exported .....	1,161,537	16,824	-	4,128
Total made available in Canada(1) .....	28,335,814	367,654	19,887	446,648
Amount used in electric boilers .....	2,158,420	40,599	-	-
Total made available less amount used in boilers .....	26,177,394	327,055	19,887	446,648

(1) Includes interruptible and at-will energy and energy used in electric boilers.  
... Figures not appropriate or not applicable.

Electric Energy Made Available

March, 1961

New Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Yukon and N.W.T.
38,607	3,151,242	2,654,390	324,008	54,970	67,992	559,122	11,312
44,921	241	40,895	2,463	149,769	220,492	18,824	1,769
83,528	3,151,483	2,695,285	326,471	204,739	288,484	577,946	13,081
2,084	1,281,249	116,863	4,208	3,002	-	607,454	3,448
41,963	21,280	56,686	-	4,825	28,332	48,892	-
44,047	1,302,529	173,549	4,208	7,827	28,332	656,346	3,448
127,575	4,454,012	2,868,834	330,679	212,566	316,816	1,234,292	16,529
23,906	7,936	564,316	70,164	319	2,142	148	-
97	45	81,027	-	-	-	1,304	-
24,003	7,981	645,343	70,164	319	2,142	1,452	-
-	565,985	14,110	319	57,610	148	2,142	-
9,160	30,309	53,685	-	-	-	107	-
2,955	6,091	179,359	3	-	-	1,221	-
12,115	602,385	247,154	322	57,610	148	3,470	-
139,463	3,859,608	3,267,023	400,521	155,275	318,810	1,232,274	16,529
-	515,028	47,371	3,363	-	-	26,993	4,531
139,463	3,344,580	3,219,652	397,158	155,275	318,810	1,205,281	11,998

Cumulative totals, January - March, 1961

125,511	9,232,500	7,731,416	966,701	161,549	217,740	1,632,266	32,232
133,945	663	224,173	18,162	459,321	657,189	57,510	4,964
259,456	9,233,163	7,955,589	984,863	620,870	874,929	1,689,776	37,196
7,371	3,609,589	336,120	12,411	8,795	-	1,751,831	10,033
126,043	62,656	170,213	-	13,141	76,502	131,690	-
133,414	3,672,245	506,333	12,411	21,936	76,502	1,883,521	10,033
392,870	12,905,408	8,461,922	997,274	642,806	951,431	3,573,297	47,229
58,497,	25,773	1,629,708	236,776	1,118	4,566	749	-
345	175	272,371	-	-	-	4,393	-
58,842	25,948	1,902,079	236,776	1,118	4,566	5,142	-
-	1,634,764	73,288	1,118	168,686	749	4,566	-
26,878	86,694	163,833	-	-	-	330	-
7,577	25,096	471,291	10	-	-	5,802	-
34,455	1,746,554	708,412	1,128	168,686	749	10,698	-
417,257	11,184,802	9,655,589	1,232,922	475,238	955,248	3,567,741	47,229
-	1,352,521	144,152	31,678	-	-	79,727	13,255
417,257	9,832,281	9,511,437	1,201,244	475,238	955,248	3,488,014	33,974
153,839	4,544,545	3,074,677	349,719	199,759	304,277	1,136,366	12,943
1,886	8,094	625,754	71,802	583	1,413	45,241	-
13,578	658,749	364,217	324	54,621	749	2,001	-
142,147	3,893,890	3,336,214	421,197	145,721	304,941	1,179,606	12,943
-	606,951	63,534	55,408	-	-	24,338	1,726
142,147	3,286,939	3,272,680	365,789	145,721	304,941	1,155,268	11,217
450,620	13,138,223	8,993,825	1,036,045	594,842	904,201	3,388,166	38,660
7,722	21,799	1,790,106	213,214	1,896	4,683	55,895	-
40,603	1,891,559	1,034,248	1,032	159,960	2,571	8,299	-
417,739	11,268,463	9,749,683	1,248,227	436,778	906,313	3,435,762	38,660
-	1,707,054	178,155	152,078	-	-	75,413	5,121
417,739	9,561,409	9,571,528	1,096,149	436,778	906,313	3,360,349	33,539



Electric Energy Made Available

January - March, 1961

Month	Total net generation	Imports from United States	Exports to United States	Total made available in Canada	Total made available less amount used in boilers	Daily Average	
						Total net generation	Total made available
thousand kwh.							
January .....	9,979,942 <sup>r</sup>	95,650	277,849	9,797,743 <sup>r</sup>	9,233,096 <sup>r</sup>	321,934 <sup>r</sup>	316,056 <sup>r</sup>
February .....	9,009,332	99,161	226,772	8,881,721	8,420,766	321,762	317,204
March .....	9,859,270	82,473	282,890	9,658,853	9,061,567	318,041	311,576
April .....							
May .....							
June .....							
July .....							
August .....							
September .....							
October .....							
November .....							
December .....							
Year .....							

<sup>r</sup> Revised figures.

Net Generation, 1949-61

CANADA

Year and month	Utilities			Industry			Grand total
	Hydro	Thermal	Total	Hydro	Thermal	Total	
thousand kwh.							
1949 .....	35,783,737	1,390,562	37,174,299	..	..	12,889,749	50,064,048
1950 .....	39,342,277	1,647,557	40,989,834	..	..	13,428,593	54,418,427
1951 .....	45,819,227	1,732,652	47,551,879	..	..	13,369,527	60,921,406
1952 .....	49,156,895	2,222,115	51,379,010	..	..	14,086,950	65,465,960
1953 .....	49,160,361	3,797,345	52,957,706	..	..	16,400,824	69,358,530
1954 .....	51,713,904	3,178,434	54,892,338	..	..	17,547,555	72,439,893
1955 .....	57,996,293	3,197,153	61,193,446	..	..	18,381,161	79,574,607
1956 .....	64,013,966	4,292,898	68,306,864	..	..	19,119,968	87,426,832
1957 .....	65,817,043	5,572,995	71,390,038	17,155,908	1,714,697	18,870,605	90,260,643
1958 .....	70,838,966	4,690,734	75,529,700	19,409,459	1,816,609	21,226,068	96,755,768
1959 .....	77,251,848	5,286,363	82,538,211	19,265,330	2,052,553	21,317,883	103,856,094
1960 .....	83,024,886	5,931,279	88,956,165	22,743,499	2,297,493	25,040,992	113,997,157
1960 January .....	7,321,813	505,605	7,827,418	1,869,453	191,342	2,060,795	9,888,213
February .....	6,933,208	466,596	7,399,804	1,856,992	186,129	2,043,121	9,442,925
March .....	7,291,110	527,259	7,818,369	2,028,749	221,467	2,250,216	10,068,585
April .....	6,881,069	412,595	7,293,664	1,929,442	185,714	2,115,156	9,408,820
May .....	6,987,146	403,964	7,391,110	1,778,285	198,432	1,976,717	9,367,827
June .....	6,778,899	383,823	7,162,722	1,778,372	191,594	1,969,966	9,132,688
July .....	6,641,461	403,830	7,045,291	1,835,921	173,298	2,009,219	9,054,510
August .....	6,717,367	491,613	7,208,980	1,926,008	188,389	2,114,397	9,323,377
September .....	6,625,090	536,620	7,161,710	1,895,961	191,613	2,087,574	9,249,284
October .....	6,821,417	598,936	7,420,353	1,962,466	188,592	2,151,058	9,571,411
November .....	6,893,835	578,001	7,471,836	1,918,275	194,334	2,112,609	9,584,445
December .....	7,132,471	622,437	7,754,908	1,963,575	186,589	2,150,164	9,905,072
1961 January .....	7,127,301 <sup>r</sup>	679,959	7,807,260 <sup>r</sup>	1,969,032	203,650	2,172,682	9,979,942 <sup>r</sup>
February .....	6,345,114	653,820	6,998,934	1,811,204	199,194	2,010,398	9,009,332
March .....	6,983,874	612,006	7,595,880	2,046,435	216,955	2,263,390	9,859,270
April .....							
May .....							
June .....							
July .....							
August .....							
September .....							
October .....							
November .....							
December .....							

.. Figures not available.

<sup>r</sup> Revised figures.



# DOMINION BUREAU OF STATISTICS

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## ELECTRIC POWER STATISTICS

APRIL, 1961

Total net generation of electric energy in Canada by firms which produce a minimum of 10 million kilowatt hours per annum amounted to 9,414,495 megawatt hours in April 1961, an increase of 0.06 per cent over the 9,408,824 mwh. generated one year ago.

Utilities increased their generation 0.3 per cent to 7,315,736 mwh. while generation by industrial establishments decreased 0.8 per cent to 2,098,759 mwh.

With imports, for this period, increasing to 90,754 mwh. from 23,442 and exports decreasing 5.6 per cent to 423,436 mwh. from 448,364 the amount made available in Canada increased 1.1 per cent to 9,081,813 mwh. from 8,983,902.

In order to supply 8,516,732 mwh. of electricity for use in other than electric boilers the energy sold to electric boilers was reduced 19.2 per cent to 565,081 mwh. from 699,517.

Energy generated in the twelve month period ending April 30, 1961 amounted to 113,472,463 mwh.

Monthly electric power statistics are designed to provide current information on the production and consumption of electric energy in Canada. In order to expedite the collection and compilation of returns, the series is confined to firms which generate a minimum of 10 million kilowatt hours per annum. These firms, however, accounted for 99.3 per cent of total production in 1959.

In the electric power series, net generation is defined as total generation less the amount used in station service. Net exports to the United States are deducted from total net generation in order to arrive at the amount of electric energy made available for use in Canada. Some of the amount made available is sold as surplus or secondary power and used, for the most part, in electric boilers. As this is the only form of secondary consumption that can readily be ascertained for all provinces, energy used in electric boilers is deducted from the amount made available in order to provide a figure more closely approximating primary consumption which is recognized as the more sensitive economic indicator.

Prepared in the Public Utilities Section

8506-506-41



Electric Energy Made Available

April, 1961

	Canada	Newfoundland	Prince Edward Island	Nova Scotia
thousand kwh.				
Net generation:				
Utilities:				
Hydro .....	6,824,671	77,568	-	60,612
Thermal .....	491,065	443	6,599	72,690
Total utilities .....	7,315,736	78,011	6,599	133,302
Industry:				
Hydro .....	1,907,477	27,914	-	2,431
Thermal .....	191,282	3,199	-	9,646
Total industry .....	2,098,759	31,113	-	12,077
Total net generation .....	9,414,495	109,124	6,599	145,379
Energy imported:				
From other provinces .....	...	-	-	2,130
From United States .....	90,754	-	-	-
Total imported .....	90,754	-	-	2,130
Energy exported:				
To other provinces .....	...	4,414	-	3,128
To United States - Primary .....	91,271	-	-	-
Secondary .....	332,165	-	-	-
Total exported .....	423,436	4,414	-	3,128
Energy made available in Canada(1) .....	9,081,813	104,710	6,599	144,381
Amount used in electric boilers .....	565,081	-	-	-
Energy made available less amount used in boilers .....	8,516,732	104,710	6,599	144,381
Cumulative totals, January - April, 1961				
Net generation:				
Utilities:				
Hydro .....	27,280,960	320,136	-	174,418
Thermal .....	2,436,875	7,130	28,707	433,753
Total utilities .....	29,717,835	327,266	28,707	608,171
Industry:				
Hydro .....	7,733,751	111,416	-	9,450
Thermal .....	820,219	19,150	-	41,779
Total industry .....	8,553,970	130,566	-	51,229
Total net generation .....	38,271,805	457,832	28,707	659,400
Energy imported:				
From other provinces .....	...	-	-	2,139
From United States .....	368,038	-	-	-
Total imported .....	368,038	-	-	2,139
Energy exported:				
To other provinces .....	...	24,989	-	56,569
To United States - Primary .....	368,544	-	-	-
Secondary .....	842,753	-	-	-
Total exported .....	1,211,297	24,989	-	56,569
Energy made available in Canada(1) .....	37,428,546	432,843	28,707	604,970
Amount used in electric boilers .....	2,187,969	1,555	-	-
Energy made available less amount used in boilers .....	35,240,577	431,288	28,707	604,970
April, 1960				
Total net generation .....	9,408,824 <sup>F</sup>	120,025	5,952	141,308 <sup>F</sup>
Total energy imported .....	23,442	-	-	-
Total energy exported .....	448,364 <sup>F</sup>	7,139	-	1,244
Total made available in Canada(1) .....	8,983,902 <sup>F</sup>	112,886	5,952	140,064 <sup>F</sup>
Amount used in electric boilers .....	699,517 <sup>F</sup>	4,458	-	-
Total made available less amount used in boilers .....	8,284,385 <sup>F</sup>	108,428	5,952	140,064 <sup>F</sup>
January - April, 1960				
Total net generation .....	38,808,725 <sup>F</sup>	504,503	25,839	592,262 <sup>F</sup>
Total energy imported .....	121,070	-	-	-
Total energy exported .....	1,609,901 <sup>F</sup>	23,963	-	5,372
Total made available in Canada(1) .....	37,319,894 <sup>F</sup>	480,540	25,839	586,890 <sup>F</sup>
Amount used in electric boilers .....	2,857,937 <sup>F</sup>	45,057	-	-
Total made available less amount used in boilers .....	34,461,957 <sup>F</sup>	435,483	25,839	586,890 <sup>F</sup>

(1) Includes interruptible and at-will energy and energy used in electric boilers.

... Figures not appropriate or not applicable.

<sup>F</sup> Revised figures.



Electric Energy Made Available

April, 1961

New Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Yukon and N.W.T.
85,908	2,972,829	2,694,606	298,456	52,523	70,364	501,828	
25,573	445	37,331	1,357	136,472	192,590	15,917	9,977
111,481	2,973,274	2,731,937	299,813	188,995	262,954	517,745	1,648
							11,625
3,189	1,167,612	121,745	5,143	2,858	-	573,207	
40,215	21,222	49,494	-	4,261	22,600	40,645	3,378
43,404	1,188,834	171,239	5,143	7,119	22,600	613,852	-
							3,378
154,885	4,162,108	2,903,176	304,956	196,114	285,554	1,131,597	15,003
4,700	6,046	470,192	69,203	603	3,461	99	-
26	54	89,250	-	-	-	1,424	-
4,726	6,100	559,442	69,203	603	3,461	1,523	-
2,130	471,560	15,526	807	55,309	99	3,461	-
10,240	30,134	50,781	-	-	-	116	-
9,821	3,033	317,991	3	-	-	1,317	-
22,191	504,727	384,298	810	55,309	99	4,894	-
137,420	3,663,481	3,078,320	373,349	141,408	288,916	1,128,226	15,003
-	498,112	41,370	1,604	-	-	20,130	3,865
137,420	3,165,369	3,036,950	371,745	141,408	288,916	1,108,096	11,138

Cumulative totals, January - April, 1961

211,419	12,205,329	10,426,022	1,265,157	214,072	288,104	2,134,094	42,209
159,518	1,108	261,504	19,519	595,793	849,779	73,427	6,637
370,937	12,206,437	10,687,526	1,284,676	809,865	1,137,883	2,207,521	48,846
10,560	4,777,201	457,468	17,554	11,653	-	2,325,038	13,411
166,258	83,878	220,315	-	17,402	99,102	172,335	-
176,818	4,861,079	677,783	17,554	29,055	99,102	2,497,373	13,411
547,755	17,067,516	11,365,309	1,302,230	838,920	1,236,985	4,704,894	62,257
63,197	31,819	2,099,900	305,979	1,721	8,027	848	-
371	229	361,621	-	-	-	5,817	-
63,568	32,048	2,461,521	305,979	1,721	8,027	6,665	-
2,139	2,106,324	88,814	1,925	223,995	848	8,027	-
36,656	116,828	214,614	-	-	-	446	-
18,210	28,129	789,282	13	-	-	7,119	-
57,005	2,251,281	1,092,710	1,938	223,995	848	15,592	-
554,318	14,848,283	12,734,120	1,606,271	616,646	1,244,164	4,695,967	62,257
-	1,850,633	185,522	33,282	-	-	99,857	17,120
554,318	12,997,650	12,548,598	1,572,989	616,646	1,244,164	4,596,110	45,137
150,570	4,161,563	2,978,033 <sup>r</sup>	312,300	177,827	265,255	1,083,305	12,686
1,704	8,702	466,373	64,252	580	2,628	1,913	-
17,972 <sup>r</sup>	488,244	400,489	308	51,161	479	4,038	-
134,302 <sup>r</sup>	3,682,021	3,043,917 <sup>r</sup>	376,244	127,246	267,404	1,081,180	12,686
429	572,512	51,939	51,245	-	-	16,463 <sup>r</sup>	2,471
133,873 <sup>r</sup>	3,109,509	2,991,978 <sup>r</sup>	324,999	127,246	267,404	1,064,717 <sup>r</sup>	10,215
601,190	17,299,786	11,971,858 <sup>r</sup>	1,348,345	772,669	1,169,456 <sup>r</sup>	4,471,471 <sup>r</sup>	51,346
9,426	30,501	2,256,479	277,466	2,476	7,311	57,808	-
58,575 <sup>r</sup>	2,379,803	1,434,737	1,340	211,121	3,050	12,337	-
552,041 <sup>r</sup>	14,950,484	12,793,600 <sup>r</sup>	1,624,471	564,024	1,173,717 <sup>r</sup>	4,516,942 <sup>r</sup>	51,346
429	2,279,566	230,094	203,323	-	-	91,876 <sup>r</sup>	7,592
551,612 <sup>r</sup>	12,670,918	12,563,506 <sup>r</sup>	1,421,148	*564,024	1,173,717 <sup>r</sup>	4,425,066 <sup>r</sup>	43,754

# Electric Energy Made Available

January - April, 1961

Month	Total net generation	Imports from United States	Exports to United States	Total made available in Canada	Total made available less amount used in boilers	Daily Average	
						Total net generation	Total made available
thousand kwh.							
January .....	9,983,178 <sup>r</sup>	95,650	278,199 <sup>r</sup>	9,800,629 <sup>r</sup>	9,235,982 <sup>r</sup>	322,038 <sup>r</sup>	316,472 <sup>r</sup>
February .....	9,012,197 <sup>r</sup>	99,161	226,772	8,884,586 <sup>r</sup>	8,423,631 <sup>r</sup>	321,864 <sup>r</sup>	317,307 <sup>r</sup>
March .....	9,861,935 <sup>r</sup>	82,473	282,890	9,661,518 <sup>r</sup>	9,064,232 <sup>r</sup>	318,127 <sup>r</sup>	311,662 <sup>r</sup>
April .....	9,414,495	90,754	423,434	9,081,815	8,516,734	313,813	302,727
May .....							
June .....							
July .....							
August .....							
September .....							
October .....							
November .....							
December .....							
Year .....							

## Net Generation, 1949-61

### CANADA

Year and month	Utilities			Industry			Grand total
	Hydro	Thermal	Total	Hydro	Thermal	Total	
thousand kwh.							
1949 .....	35,783,737	1,390,562	37,174,299	..	..	12,889,749	50,064,048
1950 .....	39,342,277	1,647,557	40,989,834	..	..	13,428,593	54,418,427
1951 .....	45,819,227	1,732,652	47,551,879	..	..	13,369,527	60,921,406
1952 .....	49,156,895	2,222,115	51,379,010	..	..	14,086,950	65,465,960
1953 .....	49,160,361	3,797,345	52,957,706	..	..	16,400,824	69,358,530
1954 .....	51,713,904	3,178,434	54,892,338	..	..	17,547,555	72,439,893
1955 .....	57,996,293	3,197,153	61,193,446	..	..	18,381,161	79,574,607
1956 .....	64,013,966	4,292,898	68,306,864	..	..	19,119,968	87,426,832
1957 .....	65,817,043	5,572,995	71,390,038	17,155,908	1,714,697	18,870,605	90,260,643
1958 .....	70,838,966	4,690,734	75,529,700	19,409,459	1,816,609	21,226,068	96,755,768
1959 .....	77,251,848	5,286,363	82,538,211	19,265,330	2,052,553	21,317,883	103,856,094
1960 .....	83,024,886	5,931,307 <sup>r</sup>	88,956,193 <sup>r</sup>	22,743,499	2,309,691 <sup>r</sup>	25,053,190 <sup>r</sup>	114,009,383 <sup>r</sup>
1960 January .....	7,321,813	505,605	7,827,418	1,869,453	191,342	2,060,795	9,888,213
February .....	6,933,208	466,596	7,399,804	1,856,992	186,235 <sup>r</sup>	2,043,227 <sup>r</sup>	9,443,031 <sup>r</sup>
March .....	7,291,110	527,259	7,818,369	2,028,749	221,539 <sup>r</sup>	2,250,288 <sup>r</sup>	10,068,657 <sup>r</sup>
April .....	6,881,069	412,595	7,293,664	1,929,442	185,718 <sup>r</sup>	2,115,160 <sup>r</sup>	9,408,824 <sup>r</sup>
May .....	6,987,146	403,964	7,391,110	1,778,285	198,438 <sup>r</sup>	1,976,723 <sup>r</sup>	9,367,833 <sup>r</sup>
June .....	6,778,899	383,823	7,162,722	1,778,372	191,699 <sup>r</sup>	1,970,071 <sup>r</sup>	9,132,793 <sup>r</sup>
July .....	6,641,461	403,830	7,045,291	1,835,921	173,328 <sup>r</sup>	2,009,249 <sup>r</sup>	9,054,540 <sup>r</sup>
August .....	6,717,367	491,613	7,208,980	1,926,008	188,688 <sup>r</sup>	2,114,696 <sup>r</sup>	9,323,676 <sup>r</sup>
September .....	6,625,090	536,620	7,161,710	1,895,961	194,847 <sup>r</sup>	2,090,808 <sup>r</sup>	9,252,518 <sup>r</sup>
October .....	6,821,417	598,936	7,420,353	1,962,466	191,878 <sup>r</sup>	2,154,344 <sup>r</sup>	9,574,697 <sup>r</sup>
November .....	6,893,835	578,005 <sup>r</sup>	7,471,840 <sup>r</sup>	1,918,275	197,289 <sup>r</sup>	2,115,564 <sup>r</sup>	9,587,404 <sup>r</sup>
December .....	7,132,471	622,461 <sup>r</sup>	7,754,932 <sup>r</sup>	1,963,575	188,690 <sup>r</sup>	2,152,265 <sup>r</sup>	9,907,197 <sup>r</sup>
1961 January .....	7,127,301	679,983 <sup>r</sup>	7,807,284 <sup>r</sup>	1,968,635 <sup>r</sup>	207,259 <sup>r</sup>	2,175,894 <sup>r</sup>	9,983,178 <sup>r</sup>
February .....	6,345,114	653,821 <sup>r</sup>	6,998,935 <sup>r</sup>	1,811,204	202,058 <sup>r</sup>	2,013,262 <sup>r</sup>	9,012,197 <sup>r</sup>
March .....	6,983,874	612,006	7,595,880	2,046,435	219,620 <sup>r</sup>	2,266,055 <sup>r</sup>	9,861,935 <sup>r</sup>
April .....	6,824,671	491,065	7,315,736	1,907,477	191,282	2,098,759	9,414,495
May .....							
June .....							
July .....							
August .....							
September .....							
October .....							
November .....							
December .....							

.. Figures not available.

<sup>r</sup> Revised figures.



## DOMINION BUREAU OF STATISTICS

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## ELECTRIC POWER STATISTICS

MAY, 1961

Total net generation of electric energy in Canada by firms which produce a minimum of 10 million kilowatt hours per annum amounted to 9,770,160 megawatt hours in May 1961, an increase of 4.3 per cent over the 9,367,833 mwh. generated one year ago.

Utilities increased their generation 4.0 per cent to 7,687,396 mwh. and industrial establishments increased 5.4 per cent to 2,082,764 mwh.

Imports for this month increased to 67,599 from 26,416 a year ago, while exports decreased to 460,107 from 536,474. Energy available for use in Canada rose almost six per cent, and the amount used in electric boilers increased 6.7 per cent.

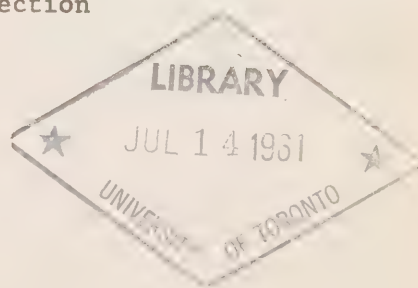
Energy generated in the twelve-month period ending May 31, 1961 amounted to 113,874,790.

Monthly electric power statistics are designed to provide current information on the production and consumption of electric energy in Canada. In order to expedite the collection and compilation of returns, the series is confined to firms which generate a minimum of 10 million kilowatt hours per annum. These firms, however, accounted for 99.3 per cent of total production in 1959.

In the electric power series, net generation is defined as total generation less the amount used in station service. Net exports to the United States are deducted from total net generation in order to arrive at the amount of electric energy made available for use in Canada. Some of the amount made available is sold as surplus or secondary power and used, for the most part, in electric boilers. As this is the only form of secondary consumption that can readily be ascertained for all provinces, energy used in electric boilers is deducted from the amount made available in order to provide a figure more closely approximating primary consumption which is recognized as the more sensitive economic indicator.

Prepared in the Public Utilities Section

8506-506-51





Electric Energy Made Available

May, 1961

	Canada	Newfoundland	Prince Edward Island	Nova Scotia
thousand kwh.				
Net generation:				
Utilities:				
Hydro .....	7,193,226	83,779	-	54,202
Thermal .....	494,170	394	6,764	77,969
Total utilities .....	7,687,396	84,173	6,764	132,171
Industry:				
Hydro .....	1,880,146	32,645	-	2,622
Thermal .....	202,618	2,797	-	11,655
Total industry .....	2,082,764	35,442	-	14,277
Total net generation .....	9,770,160	119,615	6,764	146,448
Energy imported:				
From other provinces .....	...	-	-	2,229
From United States .....	67,599	-	-	-
Total imported .....	67,599	-	-	2,229
Energy exported:				
To other provinces .....	...	7,464	-	3,310
To United States - Primary .....	90,867	-	-	-
Secondary .....	369,240	-	-	-
Total exported .....	460,107	7,464	-	3,310
Energy made available in Canada(1) .....	9,377,652	112,151	6,764	145,367
Amount used in electric boilers .....	623,080	-	-	-
Energy made available less amount used in boilers .....	8,754,572	112,151	6,764	145,367
Cumulative totals, January - May, 1961				
Net generation:				
Utilities:				
Hydro .....	34,474,186	403,915	-	228,620
Thermal .....	2,931,045	7,524	35,471	511,722
Total utilities .....	37,405,231	411,439	35,471	740,342
Industry:				
Hydro .....	9,613,897	144,061	-	12,072
Thermal .....	1,022,837	21,947	-	53,434
Total industry .....	10,636,734	166,008	-	65,506
Total net generation .....	48,041,965	577,447	35,471	805,848
Energy imported:				
From other provinces .....	...	-	-	4,368
From United States .....	440,190	-	-	-
Total imported .....	440,190	-	-	4,368
Energy exported:				
To other provinces .....	...	32,453	-	59,879
To United States - Primary .....	459,411	-	-	-
Secondary .....	1,211,993	-	-	-
Total exported .....	1,671,404	32,453	-	59,879
Energy made available in Canada(1) .....	46,810,751	544,994	35,471	750,337
Amount used in electric boilers .....	2,811,049	1,555	-	-
Energy made available less amount used in boilers .....	43,999,702	543,439	35,471	750,337
May, 1960				
Total net generation .....	9,367,833 <sup>x</sup>	122,331	5,865	137,283 <sup>x</sup>
Total energy imported .....	26,416 <sup>x</sup>	-	-	-
Total energy exported .....	536,474	6,838	-	1,104
Total made available in Canada(1) .....	8,857,775 <sup>x</sup>	115,493	5,865	136,179 <sup>x</sup>
Amount used in electric boilers .....	583,954 <sup>x</sup>	5,063	-	-
Total made available less amount used in boilers .....	8,273,821 <sup>x</sup>	110,430	5,865	136,179 <sup>x</sup>
January - May, 1960				
Total net generation .....	48,176,558 <sup>x</sup>	626,834	31,704	729,545 <sup>x</sup>
Total energy imported .....	151,125 <sup>x</sup>	-	-	-
Total energy exported .....	2,146,375 <sup>x</sup>	30,801	-	6,476
Total made available in Canada(1) .....	46,181,308 <sup>x</sup>	596,033	31,704	723,069 <sup>x</sup>
Amount used in electric boilers .....	3,441,891 <sup>x</sup>	50,120	-	-
Total made available less amount used in boilers .....	42,739,417 <sup>x</sup>	545,913	31,704	723,069 <sup>x</sup>

(1) Includes interruptible and at-will energy and energy used in electric boilers.  
 ... Figures not appropriate or not applicable.

Electric Energy Made Available  
May, 1961

New Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Yukon and N.W.T.
90,360	2,908,802	3,067,137	336,766	49,899	77,681	514,735	9,865
24,085	908	36,760	722	138,692	190,401	15,925	1,550
114,445	2,909,710	3,103,897	337,488	188,591	268,082	530,660	11,415
7,924	1,113,559	128,723	5,405	3,017	-	582,005	4,246
37,850	20,022	54,696	-	4,740	25,262	45,596	-
45,774	1,133,581	183,419	5,405	7,757	25,262	627,601	4,246
160,219	4,043,291	3,287,316	342,893	196,348	293,344	1,158,261	15,661
4,824	9,082	292,532	54,133	300	3,395	41	-
1,066	49	65,080	-	-	-	1,404	-
5,890	9,131	357,612	54,133	300	3,395	1,445	-
2,229	294,045	3,108	301	52,643	41	3,395	-
9,690	27,622	53,424	-	-	-	131	-
10,110	1,858	355,971	3	-	-	1,298	-
22,029	323,525	412,503	304	52,643	41	4,824	-
144,080	3,728,897	3,232,425	396,722	144,005	296,698	1,154,882	15,661
209	524,490	61,675	19,270	-	-	13,761	3,675
143,871	3,204,407	3,170,750	377,452	144,005	296,698	1,141,121	11,986

Cumulative totals, January - May, 1961

301,779	15,114,131	13,493,159	1,601,923	263,971	365,785	2,648,829	52,074
183,603	2,016	298,264	20,241	734,485	1,040,180	89,352	8,187
485,382	15,116,147	13,791,423	1,622,164	998,456	1,405,965	2,738,181	60,261
18,484	5,890,760	586,191	22,959	14,670	-	2,907,043	17,657
204,108	103,900	275,011	-	22,142	124,364	217,931	-
222,592	5,994,660	861,202	22,959	36,812	124,364	3,124,974	17,657
707,974	21,110,807	14,652,625	1,645,123	1,035,268	1,530,329	5,863,155	77,918
68,021	40,901	2,392,432	360,112	2,021	11,422	889	-
5,990	278	426,701	-	-	-	7,221	-
74,011	41,179	2,819,133	360,112	2,021	11,422	8,110	-
4,368	2,400,369	91,922	2,226	276,638	889	11,422	-
46,346	144,450	268,038	-	-	-	577	-
28,320	29,987	1,145,253	16	-	-	8,417	-
79,034	2,574,806	1,505,213	2,242	276,638	889	20,416	-
702,951	18,577,180	15,966,545	2,002,993	760,651	1,540,862	5,850,849	77,918
209	2,375,123	247,197	52,552	-	-	113,618	20,795
702,742	16,202,057	15,719,348	1,950,441	760,651	1,540,862	5,737,231	57,123
152,159	3,955,100	3,149,828	298,008	173,040	263,896	1,096,782 <sup>r</sup>	13,541
3,430 <sup>r</sup>	8,273	389,264	53,490	512	3,272	2,043	-
16,734	413,503	479,935	274	46,849	350	4,755	-
138,855 <sup>r</sup>	3,549,870	3,059,157	351,224	126,703	266,818	1,094,070 <sup>r</sup>	13,541
551	469,292	50,601	36,950	-	-	19,207 <sup>r</sup>	2,290
138,304	3,080,578	3,008,556	314,274	126,703	266,818	1,074,863 <sup>r</sup>	11,251
753,349	21,254,886	15,121,686 <sup>r</sup>	1,646,353	945,709	1,433,352 <sup>r</sup>	5,568,253 <sup>r</sup>	64,887
16,495 <sup>r</sup>	38,774	2,645,743	330,956	2,988	10,583	59,851	-
75,309 <sup>r</sup>	2,793,306	1,914,672	1,614	257,970	3,400	17,092	-
694,535 <sup>r</sup>	18,500,354	15,852,757 <sup>r</sup>	1,975,695	690,727	1,440,535 <sup>r</sup>	5,611,012 <sup>r</sup>	64,887
980	2,748,858	280,695	240,273	-	-	111,083 <sup>r</sup>	9,882
693,555 <sup>r</sup>	15,751,496	15,572,062 <sup>r</sup>	1,735,422	690,727	1,440,535 <sup>r</sup>	5,499,929 <sup>r</sup>	55,005

# Electric Energy Made Available

January - May, 1961

Month	Total net generation	Imports from United States	Exports to United States	Total made available in Canada	Total made available less amount used in boilers	Daily Average	
						Total net generation	Total made available
thousand kwh.							
January .....	9,983,178	96,936 <sup>r</sup>	278,199	9,801,915 <sup>r</sup>	9,237,268 <sup>r</sup>	322,083	316,191 <sup>r</sup>
February .....	9,012,197	100,277 <sup>r</sup>	226,772	8,885,702 <sup>r</sup>	8,424,747 <sup>r</sup>	321,864	317,346 <sup>r</sup>
March .....	9,861,935	83,619 <sup>r</sup>	282,890	9,662,664 <sup>r</sup>	9,065,378 <sup>r</sup>	318,127	292,431 <sup>r</sup>
April .....	9,414,495	91,759 <sup>r</sup>	423,436 <sup>r</sup>	9,082,818 <sup>r</sup>	8,517,737 <sup>r</sup>	313,816 <sup>r</sup>	283,925 <sup>r</sup>
May .....	9,770,160	67,599	460,107	9,377,652	8,754,572	315,166	302,505
June .....							
July .....							
August .....							
September .....							
October .....							
November .....							
December .....							
Year .....							

## Net Generation, 1949-61

### CANADA

Year and month	Utilities			Industry			Grand total
	Hydro	Thermal	Total	Hydro	Thermal	Total	
thousand kwh.							
1949	35,783,737	1,390,562	37,174,299	..	..	12,889,749	50,064,048
1950	39,342,277	1,647,557	40,989,834	..	..	13,428,593	54,418,427
1951	45,819,227	1,732,652	47,551,879	..	..	13,369,527	60,921,406
1952	49,156,895	2,222,115	51,379,010	..	..	14,086,950	65,465,960
1953	49,160,361	3,797,345	52,957,706	..	..	16,400,824	69,358,530
1954	51,713,904	3,178,434	54,892,338	..	..	17,547,555	72,439,893
1955	57,996,293	3,197,153	61,193,446	..	..	18,381,161	79,574,607
1956	64,013,966	4,292,898	68,306,864	..	..	19,119,968	87,426,832
1957	65,817,043	5,572,995	71,390,038	17,155,908	1,714,697	18,870,605	90,260,643
1958	70,838,966	4,690,734	75,529,700	19,409,459	1,816,609	21,226,068	96,755,768
1959	77,251,848	5,286,363	82,538,211	19,265,330	2,052,553	21,317,883	103,856,094
1960	83,024,886	5,931,307	88,956,193	22,743,499	2,309,691	25,053,190	114,009,383
1960 January	7,321,813	505,605	7,827,418	1,869,453	191,342	2,060,795	9,888,213
February	6,933,208	466,596	7,399,804	1,856,992	186,235	2,043,227	9,443,031
March	7,291,110	527,259	7,818,369	2,028,749	221,539	2,250,288	10,068,657
April	6,881,069	412,595	7,293,664	1,929,442	185,718	2,115,160	9,408,824
May	6,987,146	403,964	7,391,110	1,778,285	198,438	1,976,723	9,367,833
June	6,778,899	383,823	7,162,722	1,778,372	191,699	1,970,071	9,132,793
July	6,641,461	403,830	7,045,291	1,835,921	173,328	2,009,249	9,054,540
August	6,717,367	491,613	7,208,980	1,926,008	188,688	2,114,696	9,323,676
September	6,625,090	536,620	7,161,710	1,895,961	194,847	2,090,808	9,252,518
October	6,821,417	598,936	7,420,353	1,962,466	191,878	2,154,344	9,574,697
November	6,893,835	578,005	7,471,840	1,918,275	197,289	2,115,564	9,587,404
December	7,132,471	622,461	7,754,932	1,963,575	188,690	2,152,265	9,907,197
1961 January	8,117,361	679,983	7,807,284	1,968,635	207,259	2,175,894	9,983,178
February	6,345,114	653,821	6,998,935	1,811,204	202,058	2,013,262	9,012,197
March	6,983,874	612,006	7,595,880	2,046,435	219,620	2,266,055	9,861,935
April	6,824,671	491,065	7,315,736	1,907,477	191,282	2,098,759	9,414,495
May	7,193,226	494,170	7,687,396	1,880,146	202,618	2,082,764	9,770,160
June							
July							
August							
September							
October							
November							
December							

. Figures not available.





## ELECTRIC POWER STATISTICS

JUNE, 1961

Total net generation of electric energy in Canada by firms which produce a minimum of 10 million kilowatt hours per annum amounted to 8,901,262 megawatt hours in June 1961, a decrease of 2.5 per cent from the 9,132,793 mwh. generated one year ago.

Utilities decreased their generation 2.0 per cent to 7,019,215 mwh. and industrial establishments decreased 4.5 per cent to 1,882,047 mwh.

Imports for this month increased to 55,638 from 18,182 a year ago, while exports decreased to 375,686 from 554,552. Energy available for use in Canada dropped slightly but the amount used in electric boilers decreased 37.3 per cent, resulting in an increase of 2.5 per cent for "primary purposes".

Energy generated in the twelve-month period ending June 30, 1961 amounted to 113,558,294 mwh.

Monthly electric power statistics are designed to provide current information on the production and consumption of electric energy in Canada. In order to expedite the collection and compilation of returns, the series is confined to firms which generate a minimum of 10 million kilowatt hours per annum. These firms, however, accounted for 99.3 per cent of total production in 1959.

In the electric power series, net generation is defined as total generation less the amount used in station service. Net exports to the United States are deducted from total net generation in order to arrive at the amount of electric energy made available for use in Canada. Some of the amount made available is sold as surplus or secondary power and used, for the most part, in electric boilers. As this is the only form of secondary consumption that can readily be ascertained for all provinces, energy used in electric boilers is deducted from the amount made available in order to provide a figure more closely approximating primary consumption which is recognized as the more sensitive economic indicator.

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AUG 24 1961

Prepared in the Public Utilities Section

8506-506-61

Electric Energy Made Available

June, 1961

	Canada	Newfoundland	Prince Edward Island	Nova Scotia
thousand kwh.				
Net generation:				
Utilities:				
Hydro .....	6,600,943	80,713	-	50,647
Thermal .....	418,272	473	6,371	72,769
Total utilities .....	7,019,215	81,186	6,371	123,416
Industry:				
Hydro .....	1,674,698	33,770	-	2,781
Thermal .....	207,349	2,252	-	10,092
Total industry .....	1,882,047	36,022	-	12,873
Total net generation .....	8,901,262	117,208	6,371	136,289
Energy imported:				
From other provinces .....	...	-	-	3,591
From United States .....	55,638	-	-	-
Total imported .....	55,638	-	-	3,591
Energy exported:				
To other provinces .....	...	6,706	-	1,805
To United States - Primary .....	89,250	-	-	-
Secondary .....	286,436	-	-	-
Total exported .....	375,686	-	-	1,805
Energy made available in Canada(1) .....	8,581,214	110,502	6,371	138,075
Amount used in electric boilers .....	358,353	602	-	-
Energy made available less amount used in boilers .....	8,222,861	109,900	6,371	138,075

Cumulative totals, January - June, 1961

Net generation:				
Utilities:				
Hydro .....	40,990,164	484,628	-	279,267
Thermal .....	3,249,317	7,997	41,842	584,491
Total utilities .....	44,239,481	492,625	41,842	863,758
Industry:				
Hydro .....	11,288,595	177,831	-	14,853
Thermal .....	1,230,186	24,199	-	63,528
Total industry .....	12,518,781	202,030	-	78,379
Total net generation .....	56,858,262	694,655	41,842	942,137
Energy imported:				
From other provinces .....	...	-	-	7,959
From United States .....	495,828	-	-	-
Total imported .....	495,828	-	-	7,959
Energy exported:				
To other provinces .....	...	39,159	-	61,684
To United States - Primary .....	548,661	-	-	-
Secondary .....	1,498,429	-	-	-
Total exported .....	2,047,090	-	-	61,684
Energy made available in Canada(1) .....	55,307,000	655,496	41,842	865,412
Amount used in electric boilers .....	3,169,982	2,157	-	-
Energy made available less amount used in boilers .....	52,137,018	653,339	41,842	865,412
June, 1960				
Total net generation .....	9,132,793 <sup>r</sup>	116,050	5,770	132,657 <sup>r</sup>
Total energy imported .....	18,182	-	-	-
Total energy exported .....	554,552	6,573	-	1,038
Total made available in Canada(1) .....	8,596,423 <sup>r</sup>	109,477	5,770	131,655 <sup>r</sup>
Amount used in electric boilers .....	311,381	5,912	-	-
Total made available less amount used in boilers .....	8,024,905 <sup>r</sup>	103,560	5,770	131,655 <sup>r</sup>
January - June, 1960				
Total net generation .....	57,309,351 <sup>r</sup>	742,884	87,474	862,232 <sup>r</sup>
Total energy imported .....	169,731 <sup>r</sup>	-	-	-
Total energy exported .....	2,700,927	37,374	-	7,108
Total made available in Canada(1) .....	57,139,424 <sup>r</sup>	780,258	87,474	869,340 <sup>r</sup>
Amount used in electric boilers .....	4,013,409 <sup>r</sup>	56,037	-	-
Total made available less amount used in boilers .....	50,764,746 <sup>r</sup>	649,473	87,474	869,340 <sup>r</sup>

(1) Includes interruptible and at-will energy and energy used in electric boilers.

Figures not appropriate or not applicable.

r Revised figures.

Electric Energy Made Available

June, 1961

New Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Yukon and N.W.T.
101,324	2,612,369	2,834,978	277,522	49,868	109,186	476,119	8,217
14,885	939	10,125	2,983	140,919	150,896	16,664	1,248
116,209	2,613,308	2,845,103	280,505	190,787	260,082	492,783	9,465
7,812	1,057,730	122,899	4,086	2,800	-	438,044	4,776
38,354	22,984	52,824	-	5,587	28,891	46,365	-
46,166	1,080,714	175,723	4,086	8,387	28,891	484,409	4,776
162,375	3,694,022	3,020,826	284,591	199,174	288,973	977,192	14,241
3,179	8,185	321,161	77,161	291	3,249	21	-
1,018	47	53,228	-	-	-	1,345	-
4,197	8,232	374,389	77,161	291	3,249	1,366	-
3,591	322,535	16,091	291	62,549	21	3,249	-
10,400	26,822	51,890	-	-	-	138	-
10,060	912	274,234	2	-	-	1,228	-
24,051	350,269	342,215	293	62,549	21	4,615	-
142,521	3,351,985	3,053,000	361,459	136,916	292,201	973,943	14,241
407	297,486	47,290	1,463	-	-	8,581	2,524
142,114	3,054,499	3,005,710	359,996	136,916	292,201	965,362	11,717

Cumulative totals, January - June, 1961

403,103	17,726,500	16,243,172	1,879,445	313,839	474,971	3,124,948	60,291
198,488	2,955	308,389	23,224	875,404	1,191,076	106,016	9,435
601,591	17,729,455	16,551,561	1,902,669	1,189,243	1,666,047	3,230,964	69,726
26,296	6,948,490	709,090	27,045	17,470	-	3,345,087	22,433
242,462	126,884	327,835	-	27,729	153,255	264,296	-
268,758	7,075,374	1,036,925	27,045	45,199	153,255	3,609,383	22,433
870,349	24,804,829	17,588,486	1,929,714	1,234,442	1,819,302	6,840,347	92,159
71,200	49,086	2,751,492	437,273	2,312	14,671	910	-
7,008	325	479,929	-	-	-	8,566	-
78,208	49,411	3,231,421	437,273	2,312	14,671	9,476	-
7,959	2,760,803	108,013	2,517	339,187	910	14,671	-
56,746	171,272	319,928	-	-	-	715	-
38,380	30,899	1,419,487	18	-	-	9,645	-
103,085	2,962,974	1,847,428	2,535	339,187	910	25,031	-
845,472	21,891,266	18,972,479	2,364,452	897,567	1,833,063	6,824,792	92,159
616	2,672,609	295,067	54,015	-	-	122,199	23,319
844,856	19,218,657	18,677,412	2,310,437	897,567	1,833,063	6,702,593	68,840
150,998	3,881,761 <sup>r</sup>	3,062,702	282,478	169,374	260,996	1,056,264	13,713
3,215 <sup>r</sup>	8,004	371,430 <sup>r</sup>	53,811	501	3,357	1,535	-
14,542	404,358 <sup>r</sup>	497,946	308	48,275	240	4,949	-
139,671 <sup>r</sup>	3,485,407 <sup>r</sup>	2,936,186 <sup>r</sup>	335,981	121,600	264,113	1,052,850	13,713
272	471,460	48,134	25,147	-	-	18,259 <sup>r</sup>	2,329
139,399 <sup>r</sup>	3,013,947	2,888,052 <sup>r</sup>	310,834	121,600	264,113	1,034,591 <sup>r</sup>	11,384
904,347	25,136,647 <sup>r</sup>	18,184,388 <sup>r</sup>	1,928,831	1,115,083	1,694,348 <sup>r</sup>	6,624,517 <sup>r</sup>	78,600
20,134 <sup>r</sup>	46,778	3,007,173 <sup>r</sup>	384,767	3,489	13,940	61,386	-
89,851	3,187,664 <sup>r</sup>	2,412,618	1,922	306,245	3,640	22,041	-
334,630 <sup>r</sup>	21,995,761 <sup>r</sup>	18,778,943 <sup>r</sup>	2,311,676	812,327	1,704,648 <sup>r</sup>	6,663,862 <sup>r</sup>	78,600
1,252	3,220,318	328,829	265,420	-	-	129,342 <sup>r</sup>	12,211
333,378 <sup>r</sup>	18,775,443 <sup>r</sup>	18,450,114 <sup>r</sup>	2,046,256	812,327	1,704,648 <sup>r</sup>	6,534,520 <sup>r</sup>	66,389



- 4 -  
Electric Energy Made Available

January - June, 1961

Month	Total net generation	Imports from United States	Exports to United States	Total made available in Canada	Total made available less amount used in boilers	Daily Average	
						Total net generation	Total made available
thousand kwh.							
January .....	9,983,178	96,936	278,199	9,801,915	9,237,268	322,083	316,191
February .....	9,012,197	100,277	226,772	8,885,702	8,424,747	321,864	317,346
March .....	9,861,935	83,619	282,890	9,662,664	9,065,378	318,127	292,431
April .....	9,414,495	91,759	423,436	9,082,818	8,517,737	313,816	302,761 <sup>r</sup>
May .....	9,885,195 <sup>r</sup>	67,599	460,107	9,292,687 <sup>r</sup>	8,669,027 <sup>r</sup>	312,426 <sup>r</sup>	299,764 <sup>r</sup>
June .....	8,901,262	55,638	375,686	8,581,214	8,222,861	296,709	286,040
July .....							
August .....							
September .....							
October .....							
November .....							
December .....							
Year .....							

Net Generation, 1949-61

CANADA

Year and month	Utilities			Industry			Grand total
	Hydro	Thermal	Total	Hydro	Thermal	Total	
thousand kwh.							
1949 .....	35,783,737	1,390,562	37,174,299	..	..	12,889,749	50,064,048
1950 .....	39,342,277	1,647,557	40,989,834	..	..	13,428,593	54,418,427
1951 .....	45,819,227	1,732,652	47,551,879	..	..	13,369,527	60,921,406
1952 .....	49,156,895	2,222,115	51,379,010	..	..	14,086,950	65,465,960
1953 .....	49,160,361	3,797,345	52,957,706	..	..	16,400,824	69,358,530
1954 .....	51,713,904	3,178,434	54,892,338	..	..	17,547,555	72,439,893
1955 .....	57,996,293	3,197,153	61,193,446	..	..	18,381,161	79,574,607
1956 .....	64,013,966	4,292,898	68,306,864	..	..	19,119,968	87,426,832
1957 .....	65,817,043	5,572,995	71,390,038	17,155,908	1,714,697	18,870,605	90,260,643
1958 .....	70,838,966	4,690,734	75,529,700	19,409,459	1,816,609	21,226,068	96,755,768
1959 .....	77,251,848	5,286,363	82,538,211	19,265,330	2,052,553	21,317,883	103,856,094
1960 .....	83,024,886	5,931,307	88,956,193	22,743,499	2,309,691	25,053,190	114,009,383
1960 January .....	7,321,813	505,605	7,827,418	1,869,453	191,342	2,060,795	9,888,213
February .....	6,933,208	466,596	7,399,804	1,856,992	186,235	2,043,227	9,443,031
March .....	7,291,110	527,259	7,818,369	2,028,749	221,539	2,250,288	10,068,657
April .....	6,881,069	412,595	7,293,664	1,929,442	185,718	2,115,160	9,408,824
May .....	6,987,146	403,964	7,391,110	1,778,285	198,438	1,976,723	9,367,833
June .....	6,778,899	383,823	7,162,722	1,778,372	191,699	1,970,071	9,132,793
July .....	6,641,461	403,830	7,045,291	1,835,921	173,328	2,009,249	9,054,540
August .....	6,717,367	491,613	7,208,980	1,926,008	188,688	2,114,696	9,323,766
September .....	6,625,090	536,620	7,161,710	1,895,961	194,847	2,090,808	9,252,518
October .....	6,821,417	598,936	7,420,353	1,962,466	191,878	2,154,344	9,574,697
November .....	6,893,835	578,005	7,471,840	1,918,275	197,289	2,115,564	9,587,404
December .....	7,132,471	622,461	7,754,932	1,963,575	188,690	2,152,265	9,907,197
1961 January .....	7,127,301	679,983	7,807,284	1,968,635	207,259	2,175,894	9,983,178
February .....	6,345,114	653,821	6,998,935	1,811,204	202,058	2,013,262	9,012,197
March .....	6,983,874	612,006	7,595,880	2,046,435	219,620	2,266,055	9,861,935
April .....	6,824,671	491,065	7,315,736	1,917,477	191,282	2,098,759	9,414,495
May .....	6,888,414	494,170	7,602,431 <sup>r</sup>	1,880,146	202,618	2,082,764	9,685,195
June .....	6,600,943	418,272	7,019,215	1,674,698	207,349	1,882,047	8,901,262
July .....							
August .....							
September .....							
October .....							
November .....							
December .....							

.. Figures not available.

<sup>r</sup> Revised figures.



## DOMINION BUREAU OF STATISTICS

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## ELECTRIC POWER STATISTICS

JULY, 1961

In the month of July 1961, those firms with a minimum generation of 10 million kilowatt hours per annum produced 8,639,875 megawatt hours. This is a decrease of 4.6 per cent from the 9,056,057 generated one year ago. This decline is largely due to the temporary shutdown in mid June of the Kemano plant in British Columbia.

Generation by utilities decreased 1.5 per cent to 6,941,347 mwh. and industrial establishments decreased their generation 15.5 per cent to 1,698,528 mwh.

Imports for this period increased to 69,420 mwh. from 7,326 a year ago while exports decreased to 399,032 mwh. from 642,025. During the month 8,310,263 mwh. were made available for use in Canada: 7,884,792 mwh. for primary purposes, and the remainder 425,471 was used in electric boilers.

In the twelve month period ending July 31, 1961, there were 113,295,132 mwh. generated in Canada.

Monthly electric power statistics are designed to provide current information on the production and consumption of electric energy in Canada. In order to expedite the collection and compilation of returns, the series is confined to firms which generate a minimum of 10 million kilowatt hours per annum. These firms, however, accounted for 99.3 per cent of total production in 1959.

In the electric power series, net generation is defined as total generation less the amount used in station service. Net exports to the United States are deducted from total net generation in order to arrive at the amount of electric energy made available for use in Canada. Some of the amount made available is sold as surplus or secondary power and used, for the most part, in electric boilers. As this is the only form of secondary consumption that can readily be ascertained for all provinces, energy used in electric boilers is deducted from the amount made available in order to provide a figure more closely approximating primary consumption which is recognized as the more sensitive economic indicator.

Prepared in the Public Utilities Section

8506-506-71

Electric Energy Made Available

July, 1961

	Canada	Newfoundland	Prince Edward Island	Nova Scotia
thousand kwh.				
Net generation:				
Utilities:				
Hydro .....	6,475,900	78,049	-	41,396
Thermal .....	465,447	2,366	6,799	86,386
Total utilities .....	6,941,347	80,415	6,799	127,782
Industry:				
Hydro .....	1,502,032	32,610	-	2,590
Thermal .....	196,496	1,487	-	10,636
Total industry .....	1,698,528	34,097	-	13,226
Total net generation .....	8,639,875	114,512	6,799	141,008
Energy imported:				
From other provinces .....	...	-	-	802
From United States .....	69,420	-	-	-
Total imported .....	69,420	-	-	802
Energy exported:				
To other provinces .....	...	6,198	-	7,422
To United States - Primary .....	94,547	-	-	-
Secondary .....	304,485	-	-	-
Total exported .....	399,032	6,198	-	7,422
Energy made available in Canada(1) .....	8,310,263	108,314	6,799	134,388
Amount used in electric boilers .....	425,471	-	-	-
Energy made available less amount used in boilers .....	7,884,792	108,314	6,799	134,388
Cumulative totals, January - July				
Net generation:				
Utilities:				
Hydro .....	47,466,064	562,677	-	320,663
Thermal .....	3,825,960	21,559	48,641	670,877
Total utilities .....	51,292,024	584,236	48,641	991,540
Industry:				
Hydro .....	12,790,627	210,441	-	17,443
Thermal .....	1,426,682	25,686	-	74,162
Total industry .....	14,217,309	236,127	-	91,605
Total net generation .....	65,509,333	820,363	48,641	1,083,145
Energy imported:				
From other provinces .....	...	-	-	8,761
From United States .....	565,248	-	-	-
Total imported .....	565,248	-	-	8,761
Energy exported:				
To other provinces .....	...	45,357	-	69,106
To United States - Primary .....	643,208	-	-	-
Secondary .....	1,802,914	-	-	-
Total exported .....	2,446,122	45,357	-	69,106
Energy made available in Canada(1) .....	63,628,459	775,006	48,641	1,022,800
Amount used in electric boilers .....	3,595,019	2,157	-	-
Energy made available less amount used in boilers .....	60,033,440	772,849	48,641	1,022,800
July, 1960				
Total net generation .....	9,056,057 <sup>r</sup>	118,867 <sup>r</sup>	6,181	129,703 <sup>r</sup>
Total energy imported .....	7,326 <sup>r</sup>	-	-	-
Total energy exported .....	642,025	7,464	-	1,032
Total made available in Canada(1) .....	8,421,358 <sup>r</sup>	111,403 <sup>r</sup>	6,181	128,671 <sup>r</sup>
Amount used in electric boilers .....	540,134 <sup>r</sup>	5,418	-	-
Total made available less amount used in boilers .....	7,881,224 <sup>r</sup>	105,985 <sup>r</sup>	6,181	128,671 <sup>r</sup>
January - July, 1960				
Total net generation .....	66,370,306 <sup>r</sup>	866,649 <sup>r</sup>	43,655	991,935 <sup>r</sup>
Total energy imported .....	177,057 <sup>r</sup>	-	-	-
Total energy exported .....	3,342,952	44,838	-	8,540
Total made available in Canada(1) .....	63,204,411 <sup>r</sup>	821,811 <sup>r</sup>	43,655	983,395 <sup>r</sup>
Amount used in electric boilers .....	4,553,543 <sup>r</sup>	61,455	-	-
Total made available less amount used in boilers .....	58,650,868 <sup>r</sup>	760,356 <sup>r</sup>	43,655	983,395 <sup>r</sup>

(1) Includes interruptible and at-will energy and energy used in electric boilers.

... Figures not appropriate or not applicable.

r Revised figures.



Electric Energy Made Available

July, 1961

New Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Yukon and N.W.T.
80,685	2,694,849	2,699,688	265,959	47,317	93,051	465,877	9,029
25,098	9,261	9,818	12,187	134,652	159,236	18,296	1,348
105,783	2,704,110	2,709,506	278,146	181,969	252,287	484,173	10,377
4,961	1,069,456	116,429	3,733	2,818	-	264,382	5,053
40,473	20,342	49,224	-	4,739	23,088	46,507	-
45,434	1,089,798	165,653	3,733	7,557	23,088	310,889	5,053
151,217	3,793,908	2,875,159	281,879	189,526	275,375	795,062	15,430
8,774	7,864	377,231	68,691	294	3,903	3	-
1,106	39	66,928	-	-	-	1,347	-
9,880	7,903	444,159	68,691	294	3,903	1,350	-
802	378,580	22,143	297	48,214	3	3,903	-
9,870	29,939	54,506	-	-	-	232	-
5,553	1,488	296,094	3	-	-	1,347	-
16,225	410,007	372,743	300	48,214	3	5,482	-
144,872	3,391,804	2,946,575	350,270	141,606	279,275	790,930	15,430
133	376,869	34,924	-	-	-	10,516	3,029
144,739	3,014,935	2,911,651	350,270	141,606	279,275	780,414	12,401

Cumulative totals, January - July

483,788	20,421,349	18,942,860	2,145,404	361,156	568,022	3,590,825	69,320
223,586	12,216	318,207	35,411	1,010,056	1,350,312	124,312	10,783
707,374	20,433,565	19,261,067	2,180,815	1,371,212	1,918,334	3,715,137	80,103
31,257	8,017,946	825,519	30,778	20,288	-	3,609,469	27,486
282,935	147,226	377,059	-	32,468	176,343	310,803	-
314,192	8,165,172	1,202,578	30,778	52,756	176,343	3,920,272	27,486
1,021,566	28,598,737	20,463,645	2,211,593	1,423,968	2,094,677	7,635,409	107,589
79,974	56,950	3,128,723	505,964	2,606	18,574	913	-
8,114	364	546,857	-	-	-	9,913	-
88,088	57,314	3,675,580	505,964	2,606	18,574	10,826	-
8,761	3,139,383	130,156	2,814	387,401	913	18,574	-
66,616	201,211	374,434	-	-	-	947	-
43,933	32,387	1,715,581	21	-	-	10,992	-
119,310	3,372,981	2,220,171	2,835	387,401	913	30,513	-
990,344	25,283,070	21,919,054	2,714,722	1,039,173	2,112,338	7,615,722	107,589
749	3,049,478	329,991	53,581	-	-	132,715	26,348
989,595	22,233,592	21,589,063	2,661,141	1,039,173	2,112,338	7,483,007	81,241
137,195	3,869,165	3,040,773	271,452	167,204	255,620 <sup>F</sup>	1,046,226	13,671
3,532 <sup>F</sup>	9,023	351,488	47,687	451	3,705	2,042	-
11,956	403,878	576,351	259	45,528	212	5,947	-
128,771 <sup>F</sup>	3,474,310	2,815,910	318,880	122,127	259,113 <sup>F</sup>	1,042,321	13,671
112	455,669	42,164	20,280	-	-	14,507 <sup>F</sup>	1,984
128,659 <sup>F</sup>	3,018,641	2,773,746	298,600	122,127	259,113 <sup>F</sup>	1,027,814 <sup>F</sup>	11,687
1,041,542	29,005,812 <sup>F</sup>	21,225,161 <sup>F</sup>	2,200,283	1,282,287	1,949,968 <sup>F</sup>	7,670,743 <sup>F</sup>	92,271
23,666 <sup>F</sup>	55,801	3,358,661 <sup>F</sup>	432,454	3,940	17,645	63,428	-
101,807	3,591,542 <sup>F</sup>	2,988,969	2,181	351,773	3,852	27,988	-
963,401 <sup>F</sup>	25,470,071 <sup>F</sup>	21,594,853 <sup>F</sup>	2,630,556	934,454	1,963,761 <sup>F</sup>	7,706,183 <sup>F</sup>	92,271
1,364	3,675,987	370,993	285,700	-	-	143,849 <sup>F</sup>	14,195
962,037 <sup>F</sup>	21,794,084 <sup>F</sup>	21,223,860 <sup>F</sup>	2,344,856	934,454	1,963,761 <sup>F</sup>	7,562,334 <sup>F</sup>	78,076

Electric Energy Made Available

January - July, 1961

Month	Total net generation	Imports from United States	Exports to United States	Total made available in Canada	Total made available less amount used in boilers	Daily Average	
						Total net generation	Total made available
thousand kwh.							
January .....	9,985,232 <sup>r</sup>	96,936	278,199	9,803,969 <sup>r</sup>	9,239,322 <sup>r</sup>	322,104 <sup>r</sup>	298,043 <sup>r</sup>
February .....	9,014,066 <sup>r</sup>	100,277	226,772	8,887,571 <sup>r</sup>	8,426,616 <sup>r</sup>	321,931 <sup>r</sup>	300,950 <sup>r</sup>
March .....	9,863,897 <sup>r</sup>	83,619	282,890	9,664,626 <sup>r</sup>	9,067,340 <sup>r</sup>	318,190 <sup>r</sup>	292,495 <sup>r</sup>
April .....	9,416,299 <sup>r</sup>	91,759	423,436	9,084,622 <sup>r</sup>	8,519,541 <sup>r</sup>	313,877 <sup>r</sup>	283,985 <sup>r</sup>
May .....	9,686,927 <sup>r</sup>	67,599	460,107	9,294,419 <sup>r</sup>	8,670,759 <sup>r</sup>	312,482 <sup>r</sup>	279,702 <sup>r</sup>
June .....	8,903,037 <sup>r</sup>	55,638	375,686	8,582,989 <sup>r</sup>	8,225,070 <sup>r</sup>	296,768 <sup>r</sup>	274,169 <sup>r</sup>
July .....	8,639,875	69,420	399,032	8,310,263	7,884,792	278,706	254,348
August .....							
September .....							
October .....							
November .....							
December .....							
Year .....							

Net Generation, 1949-61

CANADA

Year and month	Utilities			Industry			Grand total
	Hydro	Thermal	Total	Hydro	Thermal	Total	
thousand kwh.							
1949 .....	35,783,737	1,390,562	37,174,299	..	..	12,889,749	50,064,048
1950 .....	39,342,277	1,647,557	40,989,834	..	..	13,428,593	54,418,427
1951 .....	45,819,227	1,732,652	47,551,879	..	..	13,369,527	60,921,406
1952 .....	49,156,895	2,222,115	51,379,010	..	..	14,086,950	65,465,960
1953 .....	49,160,361	3,797,345	52,957,706	..	..	16,400,824	69,358,530
1954 .....	51,713,904	3,178,434	54,892,338	..	..	17,547,555	72,439,893
1955 .....	57,996,293	3,197,153	61,193,446	..	..	18,381,161	79,574,607
1956 .....	64,013,966	4,292,898	68,306,864	..	..	19,119,968	87,426,832
1957 .....	65,817,043	5,572,995	71,390,038	17,155,908	1,714,697	18,870,605	90,260,643
1958 .....	70,838,966	4,690,734	75,529,700	19,409,459	1,816,609	21,226,068	96,755,768
1959 .....	77,251,848	5,286,363	82,538,211	19,265,330	2,052,553	21,317,883	103,856,094
1960 .....	83,024,886	5,948,587 <sup>r</sup>	88,973,473 <sup>r</sup>	22,743,499	2,309,691	25,053,190	114,026,663
1960 January .....	7,321,813	505,605	7,827,418	1,869,453	191,342	2,060,795	9,888,213
February .....	6,933,208	466,596	7,399,804	1,856,992	186,235	2,043,227	9,443,031
March .....	7,291,110	529,207 <sup>r</sup>	7,820,317 <sup>r</sup>	2,028,749	221,539	2,250,288	10,070,605
April .....	6,881,069	414,011 <sup>r</sup>	7,295,080 <sup>r</sup>	1,929,442	185,718	2,115,160	9,410,240
May .....	6,987,146	403,972 <sup>r</sup>	7,391,118 <sup>r</sup>	1,778,285	198,438	1,976,723	9,367,841
June .....	6,778,899	385,349 <sup>r</sup>	7,164,248 <sup>r</sup>	1,778,372	191,699	1,970,071	9,134,319
July .....	6,641,461	405,347 <sup>r</sup>	7,046,808 <sup>r</sup>	1,835,921	173,328	2,009,249	9,056,057
August .....	6,717,367	493,525 <sup>r</sup>	7,210,892 <sup>r</sup>	1,926,008	188,688	2,114,696	9,325,588
September .....	6,625,090	539,010 <sup>r</sup>	7,164,100 <sup>r</sup>	1,895,961	194,847	2,090,808	9,254,908
October .....	6,821,417	601,196 <sup>r</sup>	7,422,613 <sup>r</sup>	1,962,466	191,878	2,154,344	9,576,957
November .....	6,893,835	580,203 <sup>r</sup>	7,474,038 <sup>r</sup>	1,918,275	197,289	2,115,564	9,589,602
December .....	7,132,471	624,566 <sup>r</sup>	7,757,037 <sup>r</sup>	1,963,575	188,690	2,152,265	9,909,301
1961 January .....	7,127,301	682,037 <sup>r</sup>	7,809,338 <sup>r</sup>	1,968,635	207,259	2,175,894	9,985,232
February .....	6,345,114	655,690 <sup>r</sup>	7,000,804 <sup>r</sup>	1,811,204	202,058	2,013,262	9,014,066
March .....	6,983,874	613,968 <sup>r</sup>	7,597,842 <sup>r</sup>	2,046,435	219,620	2,266,055	9,863,897
April .....	6,824,671	492,869 <sup>r</sup>	7,317,540 <sup>r</sup>	1,907,477	191,282	2,098,759	9,416,295
May .....	7,108,261	495,902 <sup>r</sup>	7,604,163 <sup>r</sup>	1,880,146	202,618	2,082,764	9,686,921
June .....	6,660,943	420,047 <sup>r</sup>	7,020,990 <sup>r</sup>	1,674,698	207,349	1,882,047	8,903,037
July .....	6,475,900	465,447	6,941,347	1,502,032	196,496	1,698,528	8,639,875
August .....							
September .....							
October .....							
November .....							
December .....							

.. Figures not available.

r Revised figures.



## ELECTRIC POWER STATISTICS

AUGUST, 1961

Price: \$1.00 per year

OCT 18 1961

UNIVERSITY OF TORONTO

Firms having a minimum generation of 10 million kilowatt hours per annum produced 8,829,218 megawatt hours during the month of August 1961, which is a decline of 5.3 per cent from the 9,326,252 mwh. produced in the same period one year ago. The decreases occurred in Ontario, where low water and the completion of United States facilities combined to lower total generation, and in British Columbia, where the Kemano plant was still shut down.

Utilities decreased their generation by 1.9 per cent to 7,077,436 mwh. and industrial establishments decreased their generation by 17.2 per cent to 1,751,782 mwh.

Although generation decreased by 5.4 per cent, the amount made available for primary purposes increased 0.5 per cent to 8,210,852 mwh. from 8,172,368. This was accomplished by decreasing exports to 281,444 mwh. from 628,008, increasing imports to 64,154 mwh. from 10,080, and limiting the amount for use in electric boilers to 401,076 mwh. from 535,956.

In the twelve month period ending August 31, 1961, Canadian generation amounted to 112,797,895 mwh.

Monthly electric power statistics are designed to provide current information on the production and consumption of electric energy in Canada. In order to expedite the collection and compilation of returns, the series is confined to firms which generate a minimum of 10 million kilowatt hours per annum. These firms, however, accounted for 99.3 per cent of total production in 1959.

In the electric power series, net generation is defined as total generation less the amount used in station service. Net exports to the United States are deducted from total net generation in order to arrive at the amount of electric energy made available for use in Canada. Some of the amount made available is sold as surplus or secondary power and used, for the most part, in electric boilers. As this is the only form of secondary consumption that can readily be ascertained for all provinces, energy used in electric boilers is deducted from the amount made available in order to provide a figure more closely approximating primary consumption which is recognized as the more sensitive economic indicator.

Prepared in the Public Utilities Section

Public Finance &amp; Transportation Division



Electric Energy Made Available

August, 1961

	Canada	Newfoundland	Prince Edward Island	Nova Scotia
thousand kwh.				
Net generation:				
Utilities:				
Hydro .....	6,526,017	81,630	-	33,475
Thermal .....	551,419	4,723	7,175	105,777
Total utilities .....	7,077,436	86,353	7,175	139,252
Industry:				
Hydro .....	1,539,842	41,992	-	2,811
Thermal .....	211,940	1,885	-	10,286
Total industry .....	1,751,782	43,877	-	13,097
Total net generation .....	8,829,218	130,230	7,175	152,349
Energy imported:				
From other provinces .....	...	-	-	174
From United States .....	64,154	-	-	-
Total imported .....	64,154	-	-	174
Energy exported:				
To other provinces .....	...	6,415	-	15,329
To United States - Primary .....	95,345	-	-	-
Secondary .....	186,099	-	-	-
Total exported .....	281,444	6,415	-	15,329
Energy made available in Canada(1) .....	8,611,928	123,815	7,175	137,194
Amount used in electric boilers .....	401,076	-	-	-
Energy made available less amount used in boilers .....	8,210,852	123,815	7,175	137,194
Cumulative totals, January - August, 1961				
Net generation:				
Utilities:				
Hydro .....	53,992,081	664,307	-	354,138
Thermal .....	4,381,086	26,282	55,816	776,654
Total utilities .....	58,373,167	670,589	55,816	1,130,792
Industry:				
Hydro .....	14,330,513	252,433	-	20,254
Thermal .....	1,638,375	27,571	-	84,448
Total industry .....	15,968,888	280,004	-	104,702
Total net generation .....	74,342,055	950,593	55,816	1,235,494
Energy imported:				
From other provinces .....	...	-	-	8,935
From United States .....	629,402	-	-	-
Total imported .....	629,402	-	-	8,935
Energy exported:				
To other provinces .....	...	51,772	-	84,435
To United States - Primary .....	738,553	-	-	-
Secondary .....	1,989,013	-	-	-
Total exported .....	2,727,566	51,772	-	84,435
Energy made available in Canada(1) .....	72,243,891	898,821	55,816	1,159,994
Amount used in electric boilers .....	3,996,095	2,157	-	-
Energy made available less amount used in boilers .....	68,247,796	896,664	55,816	1,159,994
August, 1960				
Total net generation .....	9,326,252 <sup>r</sup>	122,849 <sup>r</sup>	6,488	143,770
Total energy imported .....	10,080 <sup>r</sup>	-	-	-
Total energy exported .....	628,008	7,801	-	6,656
Total made available in Canada(1) .....	8,708,324 <sup>r</sup>	115,048 <sup>r</sup>	6,488	137,114
Amount used in electric boilers .....	535,956 <sup>r</sup>	2,286	-	-
Total made available less amount used in boilers .....	8,172,368 <sup>r</sup>	112,762 <sup>r</sup>	6,488	137,114
January - August, 1960				
Total net generation .....	75,701,720 <sup>r</sup>	989,498 <sup>r</sup>	50,143	1,135,704
Total energy imported .....	187,137 <sup>r</sup>	-	-	-
Total energy exported .....	3,970,960	52,639	-	15,194
Total made available in Canada(1) .....	71,917,897 <sup>r</sup>	936,859 <sup>r</sup>	50,143	1,120,508
Amount used in electric boilers .....	5,089,499 <sup>r</sup>	63,741	-	-
Total made available less amount used in boilers .....	66,828,398 <sup>r</sup>	873,118 <sup>r</sup>	50,143	1,120,508

(1) Includes interruptible and at-will energy and energy used in electric boilers.

... Figures not appropriate or not applicable.

r Revised figures.

Electric Energy Made Available

August, 1961

New Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Yukon and N.W.T.
60,856	2,917,575	2,553,707	236,444	48,934	93,794	490,888	8,714
33,945	1,517	12,200	46,088	145,332	173,614	19,710	1,338
94,801	2,919,092	2,565,907	282,532	194,266	267,408	510,598	10,052
3,163	1,093,366	121,516	3,900	2,771	-	265,514	4,808
42,935	21,439	51,121	-	4,666	25,430	54,178	-
46,098	1,114,805	172,637	3,900	7,437	25,430	319,692	4,808
140,899	4,033,897	2,738,544	286,432	201,703	292,838	830,290	14,860
16,785	8,071	498,242	83,754	315	3,896	-	-
1,180	40	61,364	-	-	-	1,570	-
17,965	8,111	559,606	83,754	315	3,896	1,570	-
174	499,697	32,417	316	52,993	-	3,896	-
10,474	30,003	54,645	-	-	-	223	-
3,693	210	180,806	2	-	-	1,388	-
14,341	529,910	267,868	318	52,993	-	5,507	-
144,523	3,512,098	3,030,282	369,868	149,025	296,734	826,353	14,860
-	369,286	17,614	-	-	-	11,701	2,475
144,523	3,142,812	3,012,668	369,868	149,025	296,734	814,652	12,385

Cumulative totals, January - August, 1961

544,644	23,338,924	21,496,567	2,381,848	410,090	661,816	4,081,713	78,034
257,531	13,733	330,407	85,206	1,155,388	1,523,926	144,022	12,121
802,175	23,352,657	21,826,974	2,467,054	1,565,478	2,185,742	4,225,735	90,155
34,420	9,111,312	947,080	34,678	23,059	-	3,874,983	32,294
325,870	168,665	427,933	-	37,134	201,773	364,981	-
360,290	9,279,977	1,375,013	34,678	60,193	201,773	4,239,964	32,294
1,162,465	32,632,634	23,201,987	2,501,732	1,625,671	2,387,515	8,465,699	122,449
96,759	65,021	3,626,965	589,718	2,921	22,470	913	-
9,294	404	608,221	-	-	-	11,483	-
106,053	65,425	4,235,186	589,718	2,921	22,470	12,396	-
8,935	3,639,080	162,573	3,130	440,394	913	22,470	-
77,090	231,214	429,079	-	-	-	1,170	-
47,626	32,597	1,896,387	23	-	-	12,380	-
133,651	3,902,891	2,488,039	3,153	440,394	913	36,020	-
1,134,867	28,795,168	24,949,134	3,088,297	1,188,198	2,409,072	8,442,075	122,449
749	3,418,764	347,605	53,581	-	-	144,416	28,823
1,134,118	25,376,404	24,601,529	3,034,716	1,188,198	2,409,072	8,297,659	93,626
131,129	4,112,078	3,008,055	278,493 <sup>r</sup>	180,756	266,816 <sup>r</sup>	1,061,798	14,020
11,580 <sup>r</sup>	9,141	465,681	56,694	509	3,799	1,495	-
9,324	517,749	570,740	297	48,569	231	5,460	-
133,385 <sup>r</sup>	3,603,470	2,902,996	334,890 <sup>r</sup>	132,696	270,384 <sup>r</sup>	1,057,833	14,020
-	469,721	34,569	15,178	-	-	12,196 <sup>r</sup>	2,006
133,385 <sup>r</sup>	3,133,749	2,868,427	319,712 <sup>r</sup>	132,696	270,384 <sup>r</sup>	1,045,637 <sup>r</sup>	12,014
1,172,671	33,117,890 <sup>r</sup>	24,233,216 <sup>r</sup>	2,483,938 <sup>r</sup>	1,463,043	2,216,784 <sup>r</sup>	8,732,541 <sup>r</sup>	106,291
35,246 <sup>r</sup>	64,942	3,824,342 <sup>r</sup>	489,148	4,449	21,444	64,923	-
111,131	4,109,291 <sup>r</sup>	3,559,709	2,478	400,342	4,083	33,448	-
1,096,786	29,073,541 <sup>r</sup>	24,497,849 <sup>r</sup>	2,970,608 <sup>r</sup>	1,067,150	2,234,145 <sup>r</sup>	8,764,016 <sup>r</sup>	106,291
1,364	4,145,708	405,562	300,878	-	-	156,045 <sup>r</sup>	16,201
1,095,422 <sup>r</sup>	24,927,833 <sup>r</sup>	24,092,287 <sup>r</sup>	2,669,730 <sup>r</sup>	1,067,150	2,234,145 <sup>r</sup>	8,607,971 <sup>r</sup>	90,090

Electric Energy Made Available

January - August, 1961

Month	Total net generation	Imports from United States	Exports to United States	Total made available in Canada	Total made available less amount used in boilers	Daily Average	
						Total net generation	Total made available
thousand kwh.							
January .....	9,986,300 <sup>r</sup>	96,936	278,199	9,805,037 <sup>r</sup>	9,240,390 <sup>r</sup>	322,139 <sup>r</sup>	316,292 <sup>r</sup>
February .....	9,014,977 <sup>r</sup>	100,277	226,772	8,888,482 <sup>r</sup>	8,427,527 <sup>r</sup>	321,963 <sup>r</sup>	317,446 <sup>r</sup>
March .....	9,864,805 <sup>r</sup>	83,619	282,890	9,665,534 <sup>r</sup>	9,068,248 <sup>r</sup>	318,220 <sup>r</sup>	311,791 <sup>r</sup>
April .....	9,417,119 <sup>r</sup>	91,759	423,436	9,085,442 <sup>r</sup>	8,520,361 <sup>r</sup>	313,904 <sup>r</sup>	302,848 <sup>r</sup>
May .....	9,686,927	67,599	460,107	9,294,419	8,670,759	312,482	299,820 <sup>r</sup>
June .....	8,903,037	55,638	375,686	8,582,989	8,225,070	296,768	286,100 <sup>r</sup>
July .....	8,639,672 <sup>r</sup>	69,420	399,032	8,310,060 <sup>r</sup>	7,884,589 <sup>r</sup>	278,699 <sup>r</sup>	268,066 <sup>r</sup>
August .....	8,829,218	64,154	281,444	8,611,928	8,210,852	284,814	277,804
September .....							
October .....							
November .....							
December .....							
Year .....							

Net Generation, 1949-61

CANADA

Year and month	Utilities			Industry			Grand total
	Hydro	Thermal	Total	Hydro	Thermal	Total	
thousand kwh.							
1949 .....	35,783,737	1,390,562	37,174,299	..	..	12,889,749	50,064,048
1950 .....	39,342,277	1,647,557	40,989,834	..	..	13,428,593	54,418,427
1951 .....	45,819,227	1,732,652	47,551,879	..	..	13,369,527	60,921,406
1952 .....	49,156,895	2,222,115	51,379,010	..	..	14,086,950	65,465,960
1953 .....	49,160,361	3,797,345	52,957,706	..	..	16,400,824	69,358,530
1954 .....	51,713,904	3,178,434	54,892,338	..	..	17,547,555	72,439,893
1955 .....	57,996,293	3,197,153	61,193,446	..	..	18,381,161	79,574,607
1956 .....	64,013,966	4,292,898	68,306,864	..	..	19,119,968	87,426,832
1957 .....	65,817,043	5,572,995	71,390,038	17,155,908	1,714,697	18,870,605	90,260,643
1958 .....	70,838,966	4,690,734	75,529,700	19,409,459	1,816,609	21,226,068	96,755,768
1959 .....	77,251,848	5,286,363	82,538,211	19,265,330	2,052,553	21,317,883	103,856,094
1960 .....	83,024,886	5,957,983 <sup>r</sup>	88,982,869 <sup>r</sup>	22,743,499	2,309,691	25,053,190	114,036,059 <sup>r</sup>
1960 January .....	7,321,813	506,537 <sup>r</sup>	7,828,350 <sup>r</sup>	1,869,453	191,342	2,060,795	9,889,145 <sup>r</sup>
February .....	6,933,208	467,430 <sup>r</sup>	7,400,638 <sup>r</sup>	1,856,992	186,235	2,043,227	9,443,865 <sup>r</sup>
March .....	7,291,110	530,015 <sup>r</sup>	7,821,125 <sup>r</sup>	2,028,749	221,539	2,250,288	10,071,413 <sup>r</sup>
April .....	6,881,069	414,701 <sup>r</sup>	7,295,770 <sup>r</sup>	1,929,442	185,718	2,115,160	9,410,933 <sup>r</sup>
May .....	6,987,146	404,634 <sup>r</sup>	7,391,780 <sup>r</sup>	1,778,285	198,438	1,976,723	9,368,503 <sup>r</sup>
June .....	6,778,899	385,971 <sup>r</sup>	7,164,870 <sup>r</sup>	1,778,372	191,699	1,970,071	9,134,941 <sup>r</sup>
July .....	6,641,461	405,961 <sup>r</sup>	7,047,422 <sup>r</sup>	1,835,921	173,328	2,009,249	9,056,671 <sup>r</sup>
August .....	6,717,367	494,189 <sup>r</sup>	7,211,556 <sup>r</sup>	1,926,008	188,688	2,114,696	9,326,252 <sup>r</sup>
September .....	6,625,090	539,748 <sup>r</sup>	7,164,838 <sup>r</sup>	1,895,961	194,847	2,090,808	9,255,646 <sup>r</sup>
October .....	6,821,417	602,043 <sup>r</sup>	7,423,460 <sup>r</sup>	1,962,466	191,878	2,154,344	9,557,804 <sup>r</sup>
November .....	6,893,835	581,128 <sup>r</sup>	7,474,963 <sup>r</sup>	1,918,275	197,289	2,115,564	9,590,527 <sup>r</sup>
December .....	7,132,471	625,626 <sup>r</sup>	7,758,097 <sup>r</sup>	1,963,575	188,690	2,152,265	9,910,362 <sup>r</sup>
1961 January .....	7,127,301	683,105 <sup>r</sup>	7,810,406 <sup>r</sup>	1,968,635	207,259	2,175,894	9,986,300 <sup>r</sup>
February .....	6,345,114	656,601 <sup>r</sup>	7,001,715 <sup>r</sup>	1,811,204	202,058	2,013,262	9,014,977 <sup>r</sup>
March .....	6,983,874	614,876 <sup>r</sup>	7,598,750 <sup>r</sup>	2,046,435	219,620	2,266,055	9,864,805 <sup>r</sup>
April .....	6,824,671	493,689 <sup>r</sup>	7,318,360 <sup>r</sup>	1,907,477	191,282	2,098,759	9,417,119 <sup>r</sup>
May .....	7,108,261	495,902	7,604,163	1,880,146	202,618	2,082,764	9,686,927
June .....	6,600,943	420,047	7,020,990	1,674,698	207,349	1,882,047	8,903,037
July .....	6,475,900	465,447	6,941,347	1,502,076 <sup>r</sup>	196,249 <sup>r</sup>	1,698,325 <sup>r</sup>	8,639,672 <sup>r</sup>
August .....	6,526,017	551,419	7,077,436	1,539,842	211,940	1,751,782	8,829,218
September .....							
October .....							
November .....							
December .....							

.. Figures not available.

<sup>r</sup> Revised figures.





Canada. Statistics Bureau of  
**DOMINION BUREAU OF STATISTICS**  
OTTAWA - CANADA

Published by Authority of the Hon. George Hees, Minister of Trade and Commerce

Vol. 29 No. 9

ELECTRIC POWER STATISTICS

SEPTEMBER, 1961

Price: \$1.00 per year

NOV 13 1961

UNIVERSITY OF TORONTO

Total net generation by firms which generate a minimum of 10 million kilowatt hours per annum amounted to 8,990,081 mwh. in September, 1961. This is a decline of 2.9 per cent from the 9,255,646 mwh. which they produced in the same period one year ago.

While utilities increased their generation by 0.5 per cent to 7,203,368 mwh. from 7,164,838, the industrial establishments decreased their generation by 14.5 per cent to 1,786,713 mwh. from 2,090,808.

The amount made available for primary purposes increased 0.5 per cent to 8,338,246 mwh. from 8,296,854 in spite of the decline in generation. This was accomplished by decreasing exports to 389,670 mwh. from 448,800, increasing imports to 168,562 mwh. from 17,026, and limiting the amount for use in electric boilers to 430,727 mwh. from 527,018.

Canadian generation for the twelve month period ending September 30, 1961 amounted to 112,958,758 mwh.

Monthly electric power statistics are designed to provide current information on the production and consumption of electric energy in Canada. In order to expedite the collection and compilation of returns, the series is confined to firms which generate a minimum of 10 million kilowatt hours per annum. These firms, however, accounted for 99.3 per cent of total production in 1959.

In the electric power series, net generation is defined as total generation less the amount used in station service. The "amount made available for use in Canada" is the sum of net generation, plus imports, less exports. Some of the "amount made available" is sold as surplus or secondary power for use, for the most part, in electric boilers, which is the only form of secondary consumption that can be readily ascertained for all provinces. Energy used in electric boilers is deducted from the "amount made available" in order to provide a figure approximating primary consumption.

Prepared in the Public Utilities Section

Public Finance & Transportation Division

06-506-91

Electric Energy Made Available

September, 1961

	Canada	Newfoundland	Prince Edward Island	Nova Scotia
thousand kwh.				
Net generation:				
Utilities:				
Hydro .....	6,590,943	63,510	-	27,015
Thermal .....	612,425	14,686	-	103,937
Total utilities .....	7,203,368	78,196	-	130,952
Industry:				
Hydro .....	1,577,823	30,473	-	2,353
Thermal .....	208,890	2,303	-	10,427
Total industry .....	1,786,713	32,776	-	12,780
Total net generation .....	8,990,081	110,972	6,940	143,732
Energy imported:				
From other provinces .....	-	-	-	2,321
From United States .....	168,562	-	-	-
Total imported .....	168,562	-	-	2,321
Energy exported:				
To other provinces .....	-	6,774	-	1,029
To United States - Primary .....	89,614	-	-	-
Secondary .....	300,056	-	-	-
Total exported .....	389,670	6,774	-	1,029
Energy made available in Canada(1) .....	8,768,973	104,198	6,940	145,024
Amount used in electric boilers .....	430,727	-	-	-
Energy made available less amount used in boilers .....	8,338,246	104,198	6,940	145,024

Cumulative totals, January - September, 1961

Net generation:				
Utilities:				
Hydro .....	60,583,024	707,817	-	11,138
Thermal .....	4,993,511	40,968	-	101,592
Total utilities .....	65,576,535	748,785	-	111,730
Industry:				
Hydro .....	15,908,336	282,906	-	22,607
Thermal .....	1,847,265	29,874	-	94,875
Total industry .....	17,755,601	312,780	-	117,482
Total net generation .....	83,332,136	1,061,565	6,940	1,379,226
Energy imported:				
From other provinces .....	-	-	-	11,256
From United States .....	797,964	-	-	-
Total imported .....	797,964	-	-	11,256
Energy exported:				
To other provinces .....	-	58,546	-	85,464
To United States - Primary .....	828,167	-	-	-
Secondary .....	2,289,069	-	-	-
Total exported .....	3,117,236	58,546	-	85,464
Energy made available in Canada(1) .....	81,012,864	1,003,019	6,940	1,305,018
Amount used in electric boilers .....	4,426,822	2,157	-	-
Energy made available less amount used in boilers .....	76,586,042	1,000,862	6,940	1,305,018
September, 1960				
Total net generation .....	9,255,646 <sup>r</sup>	118,259 <sup>r</sup>	6,940	130,354 <sup>r</sup>
Total energy imported .....	1,100,000 <sup>r</sup>	-	-	-
Total energy exported .....	448,800	6,687	-	22,177 <sup>r</sup>
Total made available in Canada(1) .....	8,823,872 <sup>r</sup>	111,572 <sup>r</sup>	6,940	130,177 <sup>r</sup>
Amount used in electric boilers .....	527,018 <sup>r</sup>	2,238	-	-
Total made available less amount used in boilers .....	8,296,854 <sup>r</sup>	109,334 <sup>r</sup>	6,940	130,177 <sup>r</sup>
January - September, 1960				
Total net generation .....	84,957,366 <sup>r</sup>	1,111,783 <sup>r</sup>	6,940	1,379,226 <sup>r</sup>
Total energy imported .....	1,100,000 <sup>r</sup>	-	-	-
Total energy exported .....	4,419,760	59,326	-	85,464 <sup>r</sup>
Total made available in Canada(1) .....	80,741,769 <sup>r</sup>	1,048,431 <sup>r</sup>	6,940	1,305,018 <sup>r</sup>
Amount used in electric boilers .....	4,426,822	2,157	-	-
Total made available less amount used in boilers .....	76,314,947 <sup>r</sup>	1,046,274 <sup>r</sup>	6,940	1,305,018 <sup>r</sup>

(1) Includes interruptible and at-will energy and energy used in electric boilers.

<sup>r</sup> Figures not appropriate or not applicable.

<sup>r</sup> Revised figures.

Electric Energy Made Available

September, 1961

New Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Yukon and N.W.T.
99,688	2,959,665	2,568,205	240,163	48,911	73,451	499,997	
23,332	615	35,543	58,064	146,772	200,882	20,126	10,338
123,020	2,960,280	2,603,748	298,227	195,683	274,333	520,123	1,528
3,061	1,043,703	117,660	3,689	2,928	-	369,544	11,866
40,961	21,093	50,657	-	4,358	29,313	49,778	4,412
44,022	1,064,796	168,317	3,689	7,286	29,313	419,322	-
167,042	4,025,076	2,772,065	301,916	202,969	303,646	939,445	4,412
							16,278
2,475	8,298	523,806	75,015	625	4,136	-	-
1,082	41	166,042	-	-	-	-	-
3,557	8,339	689,848	75,015	625	4,136	1,397	-
						1,397	-
2,321	525,193	22,555	684	53,984	-	4,136	-
10,030	26,700	52,757	-	-	-	127	-
7,526	7,143	284,075	3	-	-	1,309	-
19,877	559,036	359,387	687	53,984	-	5,572	-
150,722	3,474,379	3,102,526	376,244	149,610	307,782	935,270	16,278
-	384,676	29,098	-	-	-	13,255	3,698
150,722	3,089,703	3,073,428	376,244	149,610	307,782	922,015	12,580

Cumulative totals, January - September, 1961

644,332	26,298,589	24,064,772	2,622,011	459,001	735,267	4,581,710	88,372
280,863	14,348	365,950	143,270	1,302,160	1,724,808	164,148	13,649
925,195	26,312,937	24,430,722	2,765,281	1,761,161	2,460,075	4,745,858	102,021
37,481	10,155,015	1,064,740	38,367	25,987	-	4,244,527	36,706
366,831	189,758	478,590	-	41,492	231,086	414,759	-
404,312	10,344,773	1,543,330	38,367	67,479	231,086	4,659,286	36,706
1,329,507	36,657,710	25,974,052	2,803,648	1,828,640	2,691,161	9,405,144	138,727
99,234	73,319	4,150,771	664,733	3,546	26,606	913	-
10,376	445	774,263	-	-	-	12,880	-
109,610	73,764	4,925,034	664,733	3,546	26,606	13,793	-
11,256	4,164,273	185,128	3,814	494,378	913	26,606	-
87,120	257,914	481,836	-	-	-	1,297	-
55,152	39,740	2,180,462	26	-	-	13,689	-
153,528	4,461,927	2,847,426	3,840	494,378	913	41,592	-
1,285,589	32,269,547	28,051,660	3,464,541	1,337,808	2,716,854	9,377,345	138,727
749	3,803,440	376,703	53,581	-	-	157,671	32,521
1,284,840	28,466,107	27,674,957	3,410,960	1,337,808	2,716,854	9,219,674	106,206
114,823	4,140,534 <sup>r</sup>	2,801,425	361,723 <sup>r</sup>	183,899	275,172	1,080,953	14,263
24,598 <sup>r</sup>	8,147	535,998	56,796	502	3,432	1,670	-
8,682	568,558	399,254	287	51,885	244	5,143	-
130,739 <sup>r</sup>	3,580,123 <sup>r</sup>	2,938,169	418,232 <sup>r</sup>	132,516	278,360	1,077,480	14,263
-	454,688	40,139	13,595	-	-	13,689 <sup>r</sup>	2,669
130,739 <sup>r</sup>	3,125,435 <sup>r</sup>	2,898,030	404,637 <sup>r</sup>	132,516	278,360	1,063,791 <sup>r</sup>	11,594
287,494	37,258,424 <sup>r</sup>	27,034,641 <sup>r</sup>	2,845,661 <sup>r</sup>	1,646,942	2,491,956 <sup>r</sup>	9,813,494 <sup>r</sup>	120,554
59,844 <sup>r</sup>	73,089	4,360,340 <sup>r</sup>	545,944	4,951	24,876	66,593	-
119,813	4,677,849 <sup>r</sup>	3,958,963	2,765	452,227	4,327	38,591	-
227,525 <sup>r</sup>	32,653,664 <sup>r</sup>	27,436,018 <sup>r</sup>	3,388,840 <sup>r</sup>	1,199,666	2,512,505 <sup>r</sup>	9,841,496 <sup>r</sup>	120,554
1,364	4,600,396	445,701	314,473	-	-	169,734 <sup>r</sup>	18,870
226,161 <sup>r</sup>	28,053,268 <sup>r</sup>	26,990,317 <sup>r</sup>	3,074,367 <sup>r</sup>	1,199,666	2,512,505 <sup>r</sup>	9,671,762 <sup>r</sup>	101,684



# Electric Energy Made Available

January - September, 1961

Month	Total net generation	Imports from United States	Exports to United States	Total made available in Canada	Total made available less amount used in boilers	Daily Average	
						Total net generation	Total made available
thousand kwh.							
January .....	9,986,300	96,936	278,199	9,805,037	9,240,390	322,139	316,292
February .....	9,014,977	100,277	226,772	8,888,482	8,427,527	321,963	317,446
March .....	9,864,805	83,619	282,890	9,665,534	9,068,248	318,220	311,791
April .....	9,417,119	91,759	423,436	9,085,442	8,520,361	313,904	302,848
May .....	9,686,927	67,599	460,107	9,294,419	8,670,759	312,482	299,820
June .....	8,903,037	55,638	375,686	8,582,989	8,225,070	296,768	286,100
July .....	8,639,672	69,420	399,032	8,310,060	7,884,589	278,699	268,066
August .....	8,829,218	64,154	281,444	8,611,928	8,210,852	284,814	277,804
September .....	8,990,081	168,562	389,670	8,768,973	8,338,246	299,669	292,299
October .....							
November .....							
December .....							
Year .....							

## Net Generation, 1949-61

### CANADA

Year and month	Utilities			Industry			Grand total
	Hydro	Thermal	Total	Hydro	Thermal	Total	
thousand kwh.							
1949 .....	35,783,737	1,390,562	37,174,299	..	..	12,889,749	50,064,048
1950 .....	39,342,277	1,647,557	40,989,834	..	..	13,428,593	54,418,427
1951 .....	45,819,227	1,732,652	47,551,879	..	..	13,369,527	60,921,406
1952 .....	49,156,895	2,222,115	51,379,010	..	..	14,086,950	65,465,960
1953 .....	49,160,361	3,797,345	52,957,706	..	..	16,400,824	69,358,530
1954 .....	51,713,904	3,178,434	54,892,338	..	..	17,547,555	72,439,893
1955 .....	57,996,293	3,197,153	61,193,446	..	..	18,381,161	79,574,607
1956 .....	64,013,966	4,292,898	68,306,864	..	..	19,119,968	87,426,832
1957 .....	65,817,043	5,572,995	71,390,038	17,155,908	1,714,697	18,870,605	90,260,643
1958 .....	70,838,966	4,690,734	75,529,700	19,409,459	1,816,609	21,226,068	96,755,768
1959 .....	77,251,848	5,286,363	82,538,211	19,265,330	2,052,553	21,317,883	103,856,094
1960 .....	83,024,886	5,957,983	88,982,869	22,743,499	2,309,691	25,053,190	114,036,059
1960 January .....	7,321,813	506,537	7,828,350	1,869,453	191,342	2,060,795	9,889,145
February .....	6,933,208	467,430	7,400,638	1,856,992	186,235	2,043,227	9,443,865
March .....	7,291,110	530,015	7,821,125	2,028,749	221,539	2,250,288	10,071,413
April .....	6,881,069	414,701	7,295,770	1,929,442	185,718	2,115,160	9,410,930
May .....	6,987,146	404,634	7,391,780	1,778,285	198,438	1,976,723	9,368,503
June .....	6,778,899	385,971	7,164,870	1,778,372	191,699	1,970,071	9,134,941
July .....	6,641,461	405,961	7,047,422	1,835,921	173,328	2,009,249	9,056,671
August .....	6,717,367	494,189	7,211,556	1,926,008	188,688	2,114,696	9,326,252
September .....	6,625,090	539,748	7,164,838	1,895,961	194,847	2,090,808	9,255,646
October .....	6,821,417	602,043	7,423,460	1,962,466	191,878	2,154,344	9,557,804
November .....	6,893,835	581,128	7,474,963	1,918,275	197,289	2,115,564	9,590,527
December .....	7,132,471	625,626	7,758,097	1,963,575	188,690	2,152,265	9,910,362
1961 January .....	7,127,301	683,105	7,810,406	1,968,635	207,259	2,175,894	9,986,300
February .....	6,345,114	656,601	7,001,715	1,811,204	202,058	2,013,262	9,014,977
March .....	6,983,874	614,876	7,598,750	2,046,435	219,620	2,266,055	9,864,805
April .....	6,824,671	493,689	7,318,360	1,907,477	191,282	2,098,759	9,417,119
May .....	7,108,261	495,902	7,604,163	1,880,146	202,618	2,082,764	9,686,927
June .....	6,600,943	420,047	7,020,990	1,674,698	207,349	1,882,047	8,903,037
July .....	6,475,900	465,447	6,941,347	1,502,076	196,249	1,698,325	8,639,672
August .....	6,526,017	551,419	7,077,436	1,539,842	211,940	1,751,782	8,829,218
September .....	6,590,943	612,425	7,203,368	1,577,823	208,890	1,786,713	8,990,081
October .....							
November .....							
December .....							

.. Figures not available.



## DOMINION BUREAU OF STATISTICS

OTTAWA - CANADA

Published by Authority of the Hon. George Hees, Minister of Trade and Commerce

Vol. 29 No. 10

Price: \$1.00 per year

ELECTRIC POWER STATISTICS

OCTOBER, 1961

In the month of October, 1961, total net generation by firms having a minimum annual generation of 10 million kilowatt hours increased by 1.4 per cent to 9,714,016 mwh. from the 9,577,804 mwh. generated in the same period one year ago.

Industrial establishments decreased their generation by 4.0 per cent to 2,069,151 mwh. from 2,154,344 and the utilities increased their generation by 3.0 per cent to 7,644,865 mwh. from 7,423,460.

Exports decreased to 331,618 mwh. from 411,601 and imports increased to 137,478 mwh. from 40,193.

The amount made available for primary purposes increased by 4.6 per cent to 9,034,611 mwh. from 8,635,893 thereby decreasing the amount for use in electric boilers to 485,265 mwh. from 570,503.

Canadian generation for the twelve month period ending October 31, 1961 amounted to 112,547,041 mwh.

Monthly electric power statistics are designed to provide current information on the production and consumption of electric energy in Canada. In order to expedite the collection and compilation of returns, the series is confined to firms which generate a minimum of 10 million kilowatt hours per annum. These firms, however, accounted for 99.3 per cent of total production in 1959.

In the electric power series, net generation is defined as total generation less the amount used in station service. The "amount made available for use in Canada" is the sum of net generation, plus imports, less exports. Some of the "amount made available" is sold as surplus or secondary power for use, for the most part, in electric boilers, which is the only form of secondary consumption that can be readily ascertained for all provinces. Energy used in electric boilers is deducted from the "amount made available" in order to provide a figure approximating primary consumption.

Prepared in the Public Utilities Section

Public Finance &amp; Transportation Division

8506-506-101

Electric Energy Made Available

October, 1961

	Canada	Newfoundland	Prince Edward Island	Nova Scotia
thousand kwh.				
Net generation:				
Utilities:				
Hydro .....	7,002,617	68,255	-	35,102
Thermal .....	642,248	17,185	7,815	104,242
Total utilities .....	7,644,865	85,440	7,815	139,344
Industry:				
Hydro .....	1,859,552	33,797	-	2,539
Thermal .....	209,599	1,803	-	10,944
Total industry .....	2,069,151	35,600	-	13,483
Total net generation .....	9,714,016	121,040	7,815	152,827
Energy imported:				
From other provinces .....	...	-	-	4,121
From United States .....	137,478	-	-	-
Total imported .....	137,478	-	-	4,121
Energy exported:				
To other provinces .....	...	7,552	-	1,358
To United States - Primary .....	92,430	-	-	-
Secondary .....	239,188	-	-	-
Total exported .....	331,618	7,552	-	1,358
Energy made available in Canada(1) .....	9,519,876	113,488	7,815	155,590
Amount used in electric boilers .....	485,265	-	-	-
Energy made available less amount used in boilers .....	9,034,611	113,488	7,815	155,590

Cumulative totals, January - October, 1961

Net generation:				
Utilities:				
Hydro .....	67,585,641	776,072	-	416,255
Thermal .....	5,635,759	58,153	70,571	984,833
Total utilities .....	73,221,400	834,225	70,571	1,401,088
Industry:				
Hydro .....	17,767,888	316,703	-	25,146
Thermal .....	2,056,864	31,677	-	105,819
Total industry .....	19,824,752	348,380	-	130,965
Total net generation .....	93,046,152	1,182,605	70,571	1,532,053
Energy imported:				
From other provinces .....	...	-	-	15,377
From United States .....	935,442	-	-	-
Total imported .....	935,442	-	-	15,377
Energy exported:				
To other provinces .....	...	66,098	-	86,822
To United States - Primary .....	920,597	-	-	-
Secondary .....	2,528,257	-	-	-
Total exported .....	3,448,854	66,098	-	86,822
Energy made available in Canada(1) .....	90,532,740	1,116,507	70,571	1,460,608
Amount used in electric boilers .....	4,912,087	2,157	-	-
Energy made available less amount used in boilers .....	85,620,653	1,114,350	70,571	1,460,608
October, 1960				
Total net generation .....	9,577,804 <sup>r</sup>	125,641 <sup>r</sup>	6,925	171,964 <sup>r</sup>
Total energy imported .....	40,193 <sup>r</sup>	-	-	-
Total energy exported .....	411,601	7,773	-	25,551
Total made available in Canada(1) .....	9,206,396 <sup>r</sup>	117,868 <sup>r</sup>	6,925	146,413 <sup>r</sup>
Amount used in electric boilers .....	570,503 <sup>r</sup>	3,125 <sup>r</sup>	-	-
Total made available less amount used in boilers .....	8,635,893 <sup>r</sup>	114,743 <sup>r</sup>	6,925	146,413 <sup>r</sup>
January - October, 1960				
Total net generation .....	94,333,170 <sup>r</sup>	1,233,348 <sup>r</sup>	63,309	1,466,023 <sup>r</sup>
Total energy imported .....	244,356 <sup>r</sup>	-	-	-
Total energy exported .....	4,831,361	67,099	-	62,924 <sup>r</sup>
Total made available in Canada(1) .....	89,948,165 <sup>r</sup>	1,166,299 <sup>r</sup>	63,309	1,403,099 <sup>r</sup>
Amount used in electric boilers .....	6,187,030 <sup>r</sup>	69,104 <sup>r</sup>	-	-
Total made available less amount used in boilers .....	83,761,145 <sup>r</sup>	1,097,195 <sup>r</sup>	63,309	1,403,099 <sup>r</sup>

(1) Includes interruptible and at-will energy and energy used in electric boilers.

Figures not appropriate or not applicable.

<sup>r</sup> Revised figures.



Electric Energy Made Available

October, 1961

New Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Yukon and N.W.T.
108,827	3,147,635	2,666,500	276,155	52,886	80,735	554,871	11,651
22,710	524	56,958	37,013	150,536	221,300	22,102	1,863
131,537	3,148,159	2,723,458	313,168	203,422	302,035	576,973	13,514
8,001	1,112,235	113,461	4,280	2,794	-	578,510	3,935
42,626	21,363	55,312	-	4,253	25,572	47,726	-
50,627	1,133,598	168,773	4,280	7,047	25,572	626,236	3,935
182,164	4,281,757	2,892,231	317,448	210,469	327,607	1,203,209	17,449
3,136	9,254	542,555	86,570	685	4,205	-	-
1,131	46	134,870	-	-	-	1,431	-
4,267	9,300	677,425	86,570	685	4,205	1,431	-
4,121	544,333	32,603	685	55,669	-	4,205	-
10,590	27,292	54,419	-	-	-	129	-
9,082	7,938	220,820	3	-	-	1,345	-
23,793	579,563	307,842	688	55,669	-	5,679	-
162,638	3,711,494	3,261,814	403,330	155,485	331,812	1,198,961	17,449
-	420,896	38,529	-	-	-	21,679	4,161
162,638	3,290,598	3,223,285	403,330	155,485	331,812	1,177,282	13,288

Cumulative totals, January - October, 1961

753,159	29,446,224	26,731,272	2,898,166	511,887	816,002	5,136,581	100,023
303,573	14,872	422,908	180,283	1,452,696	1,946,108	186,250	15,512
1,056,732	29,461,096	27,154,180	3,078,449	1,964,583	2,762,110	5,322,831	115,535
45,482	11,267,250	1,178,201	42,647	28,781	-	4,823,037	40,641
409,457	211,121	533,902	-	45,745	256,658	462,485	-
454,939	11,478,371	1,712,103	42,647	74,526	256,658	5,285,522	40,641
1,511,671	40,939,467	28,866,283	3,121,096	2,039,109	3,018,768	10,608,353	156,176
102,370	82,573	4,693,326	751,303	4,231	30,811	913	-
11,507	491	909,133	-	-	-	14,311	-
113,877	83,064	5,602,459	751,303	4,231	30,811	15,224	-
15,377	4,708,606	217,731	4,499	550,047	913	30,811	-
97,710	285,206	536,255	-	-	-	1,426	-
64,234	47,678	2,401,282	29	-	-	15,034	-
177,321	5,041,490	3,155,268	4,528	550,047	913	47,271	-
448,227	35,981,041	31,313,474	3,867,871	1,493,293	3,048,666	10,576,306	156,176
749	4,224,336	415,232	53,581	-	-	179,350	36,682
447,478	31,756,705	30,898,242	3,814,290	1,493,293	3,048,666	10,396,956	119,494
121,927	4,362,087 <sup>r</sup>	2,841,285 <sup>r</sup>	301,276 <sup>r</sup>	195,109	288,364 <sup>r</sup>	1,148,599	14,627
28,301 <sup>r</sup>	9,262	593,836	60,343	509	2,573	1,573	-
12,777	603,888	358,054	302	55,126	296	4,038	-
137,451 <sup>r</sup>	3,767,461 <sup>r</sup>	3,077,067 <sup>r</sup>	361,317 <sup>r</sup>	140,492	290,641 <sup>r</sup>	1,146,134	14,627
-	491,004	46,467	11,484	-	-	15,616	2,807
137,451 <sup>r</sup>	3,276,457 <sup>r</sup>	3,030,600 <sup>r</sup>	349,833 <sup>r</sup>	140,492	290,641 <sup>r</sup>	1,130,518	11,820
409,421	41,620,511 <sup>r</sup>	29,875,926 <sup>r</sup>	3,146,937 <sup>r</sup>	1,842,051	2,780,320 <sup>r</sup>	10,962,093 <sup>r</sup>	135,181
88,145 <sup>r</sup>	82,351	4,954,176 <sup>r</sup>	606,287	5,460 <sup>r</sup>	27,449	68,166	-
132,590	5,281,737 <sup>r</sup>	4,317,017	3,067 <sup>r</sup>	507,353	4,623	42,629	-
364,976 <sup>r</sup>	36,421,125 <sup>r</sup>	30,513,085 <sup>r</sup>	3,750,154 <sup>r</sup>	1,340,158 <sup>r</sup>	2,803,146 <sup>r</sup>	10,987,630 <sup>r</sup>	135,181
1,364	5,091,400	492,168	325,957	-	-	185,350	21,677
363,612 <sup>r</sup>	31,329,725 <sup>r</sup>	30,020,917 <sup>r</sup>	3,424,200 <sup>r</sup>	1,340,158 <sup>r</sup>	2,803,146 <sup>r</sup>	10,802,280 <sup>r</sup>	113,504

Electric Energy Made Available

January - October, 1961

Month	Total net generation	Imports from United States	Exports to United States	Total made available in Canada	Total made available less amount used in boilers	Daily Average	
						Total net generation	Total made available
thousand kwh.							
January .....	9,986,300	96,936	278,199	9,805,037	9,240,390	322,139	316,292
February .....	9,014,977	100,277	226,772	8,888,482	8,427,527	321,963	317,446
March .....	9,864,805	83,619	282,890	9,665,534	9,068,248	318,220	311,791
April .....	9,417,119	91,759	423,436	9,085,442	8,520,361	313,904	302,848
May .....	9,686,927	67,599	460,107	9,294,419	8,670,759	312,482	299,820
June .....	8,903,037	55,638	375,686	8,582,989	8,225,070	296,768	286,100
July .....	8,639,672	69,420	399,032	8,310,060	7,884,589	278,699	268,066
August .....	8,829,218	64,154	281,444	8,611,928	8,210,852	284,814	277,804
September .....	8,990,081	168,562	389,670	8,768,973	8,338,246	299,669	292,299
October .....	9,714,016	137,478	331,618	9,519,876	9,034,611	313,355	307,093
November .....							
December .....							
Year .....							

Net Generation, 1949-61

CANADA

Year and month	Utilities			Industry			Grand total
	Hydro	Thermal	Total	Hydro	Thermal	Total	
thousand kwh.							
1949 .....	35,783,737	1,390,562	37,174,299	..	..	12,889,749	50,064,048
1950 .....	39,342,277	1,647,557	40,989,834	..	..	13,428,593	54,418,427
1951 .....	45,819,227	1,732,652	47,551,879	..	..	13,369,527	60,921,406
1952 .....	49,156,895	2,222,115	51,379,010	..	..	14,086,950	65,465,960
1953 .....	49,160,361	3,797,345	52,957,706	..	..	16,400,824	69,358,530
1954 .....	51,713,904	3,178,434	54,892,338	..	..	17,547,555	72,439,893
1955 .....	57,996,293	3,197,153	61,193,446	..	..	18,381,161	79,574,607
1956 .....	64,013,966	4,292,898	68,306,864	..	..	19,119,968	87,426,832
1957 .....	65,817,043	5,572,995	71,390,038	17,155,908	1,714,697	18,870,605	90,260,643
1958 .....	70,838,966	4,690,734	75,529,700	19,409,459	1,816,609	21,226,068	96,755,768
1959 .....	77,251,848	5,286,363	82,538,211	19,265,330	2,052,553	21,317,883	103,856,094
1960 .....	83,024,886	5,957,983	88,982,869	22,743,499	2,309,691	25,053,190	114,036,059
1960 January .....	7,321,813	506,537	7,828,350	1,869,453	191,342	2,060,795	9,889,145
February .....	6,933,208	467,430	7,400,638	1,856,992	186,235	2,043,227	9,443,865
March .....	7,291,110	530,015	7,821,125	2,028,749	221,539	2,250,288	10,071,413
April .....	6,881,069	414,701	7,295,770	1,929,442	185,718	2,115,160	9,410,930
May .....	5,987,146	404,634	7,391,780	1,778,285	198,438	1,976,723	9,368,503
June .....	6,778,899	385,971	7,164,870	1,778,372	191,699	1,970,071	9,134,941
July .....	6,641,461	405,961	7,047,422	1,835,921	173,328	2,009,249	9,056,671
August .....	6,717,367	494,189	7,211,556	1,926,008	188,688	2,114,696	9,326,252
September .....	6,625,090	539,748	7,164,838	1,895,961	194,847	2,090,808	9,255,646
October .....	6,821,417	602,043	7,423,460	1,962,466	191,878	2,154,344	9,577,804
November .....	6,893,835	581,128	7,474,963	1,918,275	197,289	2,115,564	9,590,527
December .....	7,132,471	625,626	7,758,097	1,963,575	188,690	2,152,265	9,910,362
1961 January .....	7,127,301	683,105	7,810,406	1,968,635	207,259	2,175,894	9,986,300
February .....	6,345,114	656,601	7,001,715	1,811,204	202,058	2,013,262	9,014,977
March .....	6,983,874	614,876	7,598,750	2,046,435	219,620	2,266,055	9,864,805
April .....	6,824,671	493,689	7,318,360	1,907,477	191,282	2,098,759	9,417,119
May .....	7,108,261	495,902	7,604,163	1,880,146	202,618	2,082,764	9,686,927
June .....	6,600,943	420,047	7,020,990	1,674,698	207,349	1,882,047	8,903,037
July .....	6,475,900	465,447	6,941,347	1,502,076	196,249	1,698,325	8,639,672
August .....	6,526,017	551,419	7,077,436	1,539,842	211,940	1,751,782	8,829,218
September .....	6,590,943	612,425	7,203,368	1,577,823	208,890	1,786,713	8,990,681
October .....	7,002,617	642,248	7,644,865	1,859,552	209,599	2,069,151	9,714,016
November .....							
December .....							

.. Figures not available.

CATALOGUE No.

57-001

MONTHLY

Canada. Statistics, Bureau of

# DOMINION BUREAU OF STATISTICS

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## ELECTRIC POWER STATISTICS

NOVEMBER, 1961

Total net generation by firms having a minimum annual generation of approximately 10 million kilowatt hours increased by 2.7 per cent to 9,846,227 mwh. in November, 1961, from the 9,590,527 mwh. generated in the same period one year ago.

While industrial establishments decreased their generation by 0.3 per cent to 2,109,683 mwh. from 2,115,564, the utilities increased their generation by 3.5 per cent to 7,736,544 mwh. from 7,474,963.

Exports were little changed at 356,608 mwh. as compared with 356,696 in 1960, while imports increased to 223,200 mwh. from 40,763.

The amount made available for primary purposes increased by 5.5 per cent to 9,233,440 mwh. from 8,750,832 so that the amount used in electric boilers decreased to 479,379 mwh. from 523,762.

Generation for the twelve month period ending November 30, 1961 amounted to 112,830,677 mwh.

Monthly electric power statistics are designed to provide current information on the production and consumption of electric energy in Canada. In order to expedite the collection and compilation of returns, the series is confined to firms which generate a minimum of 10 million kilowatt hours per annum. These firms, however, accounted for 99.3 per cent of total production in 1959.

In the electric power series, net generation is defined as total generation less the amount used in station service. The "amount made available for use in Canada" is the sum of net generation, plus imports, less exports. Some of the "amount made available" is sold as surplus or secondary power for use, for the most part, in electric boilers, which is the only form of secondary consumption that can be readily ascertained for all provinces. Energy used in electric boilers is deducted from the "amount made available" in order to provide a figure approximating primary consumption.

Prepared in the Public Utilities Section

Public Finance & Transportation Division

6-506-111



Electric Energy Made Available

November, 1961

	Canada	Newfoundland	Prince Edward Island	Nova Scotia
thousand kwh.				
Net generation:				
Utilities:				
Hydro .....	7,054,967	76,767	-	45,059
Thermal .....	681,577	14,352	8,598	98,958
Total utilities .....	7,736,544	91,119	8,598	144,017
Industry:				
Hydro .....	1,894,278	32,372	-	2,859
Thermal .....	215,405	3,481	-	11,138
Total industry .....	2,109,683	35,853	-	13,997
Total net generation .....	9,846,227	126,972	8,598	158,014
Energy imported:				
From other provinces .....	...	-	-	331
From United States .....	223,200	-	-	-
Total imported .....	223,200	-	-	331
Energy exported:				
To other provinces .....	...	8,280	-	2,035
To United States - Primary .....	93,153	-	-	-
Secondary .....	263,455	-	-	-
Total exported .....	356,608	8,280	-	2,035
Energy made available in Canada(1) .....	9,712,819	118,692	8,598	156,310
Amount used in electric boilers .....	479,379	912	-	-
Energy made available less amount used in boilers .....	9,233,440	117,780	8,598	156,310
Cumulative totals, January - November, 1961				
Net generation:				
Utilities:				
Hydro .....	74,640,608	852,839	-	461,314
Thermal .....	6,317,336	72,505	79,169	1,083,791
Total utilities .....	80,957,944	925,344	79,169	1,545,105
Industry:				
Hydro .....	19,682,115	349,075	-	28,005
Thermal .....	2,300,058	35,158	-	116,957
Total industry .....	21,982,173	384,233	-	144,962
Total net generation .....	102,940,117	1,309,577	79,169	1,690,067
Energy imported:				
From other provinces .....	...	-	-	15,708
From United States .....	1,158,642	-	-	-
Total imported .....	1,158,642	-	-	15,708
Energy exported:				
To other provinces .....	...	74,378	-	88,857
To United States - Primary .....	1,013,750	-	-	-
Secondary .....	2,791,712	-	-	-
Total exported .....	3,805,462	74,378	-	88,857
Energy made available in Canada(1) .....	100,293,297	1,235,199	79,169	1,616,918
Amount used in electric boilers .....	5,391,466	3,069	-	-
Energy made available less amount used in boilers .....	94,901,831	1,232,130	79,169	1,616,918
November, 1960				
Total net generation .....	9,590,527 <sup>r</sup>	123,867 <sup>r</sup>	7,447	160,445 <sup>r</sup>
Total energy imported .....	40,763 <sup>r</sup>	-	-	-
Total energy exported .....	356,696 <sup>r</sup>	8,244	-	7,394
Total made available in Canada(1) .....	9,274,594 <sup>r</sup>	115,623 <sup>r</sup>	7,447	153,051 <sup>r</sup>
Amount used in electric boilers .....	523,762	2,548	-	-
Total made available less amount used in boilers .....	8,750,832 <sup>r</sup>	113,075 <sup>r</sup>	7,447	153,051 <sup>r</sup>
January - November, 1960				
Total net generation .....	104,125,693 <sup>r</sup>	1,357,261 <sup>r</sup>	70,756	1,626,468 <sup>r</sup>
Total energy imported .....	285,119 <sup>r</sup>	-	-	-
Total energy exported .....	5,188,057 <sup>r</sup>	75,343	-	70,318 <sup>r</sup>
Total made available in Canada(1) .....	99,222,755 <sup>r</sup>	1,281,918 <sup>r</sup>	70,756	1,556,150 <sup>r</sup>
Amount used in electric boilers .....	6,710,782	71,652	-	-
Total made available less amount used in boilers .....	92,511,973 <sup>r</sup>	1,210,266 <sup>r</sup>	70,756	1,556,150 <sup>r</sup>

(1) Includes interruptible and at-will energy and energy used in electric boilers.

Figures not appropriate or not applicable.

<sup>r</sup> Revised figures

Electric Energy Made Available

November, 1961

New Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Yukon and N.W.T.
92,755	3,152,921	2,654,811	298,164	53,013	92,916	576,021	12,540
29,793	130	83,543	33,375	159,218	227,919	23,817	1,874
122,548	3,153,051	2,738,354	331,539	212,231	320,835	599,838	14,414
5,871	1,126,831	130,570	4,330	4,400	-	583,917	3,128
44,977	24,816	55,480	-	2,331	24,715	48,467	-
50,848	1,151,647	186,050	4,330	6,731	24,715	632,384	3,128
173,396	4,304,698	2,924,404	335,869	218,962	345,550	1,232,222	17,542
3,888	9,944	558,083	83,696	810	2,743	-	-
1,238	52	220,487	-	-	-	1,423	-
5,126	9,996	778,570	83,696	810	2,743	1,423	-
331	559,934	30,306	812	55,054	-	2,743	-
10,720	30,330	51,984	-	-	-	119	-
8,434	7,212	246,473	3	-	-	1,333	-
19,485	597,476	328,763	815	55,054	-	4,195	-
159,037	3,717,218	3,374,211	418,750	164,718	348,293	1,229,450	17,542
45	402,820	42,069	-	-	-	28,958	4,575
158,992	3,314,398	3,332,142	418,750	164,718	348,293	1,200,492	12,967

Cumulative totals, January - November, 1961

845,914	32,599,145	29,386,083	3,196,330	564,900	908,918	5,712,602	112,563
333,366	15,002	506,451	213,658	1,611,914	2,174,027	210,067	17,386
1,179,280	32,614,147	29,892,534	3,409,988	2,176,814	3,082,945	5,922,669	129,949
51,353	12,394,081	1,328,720	46,977	33,181	-	5,406,954	43,769
463,415	254,892	589,235	-	48,076	281,373	510,952	-
514,768	12,648,973	1,917,955	46,977	81,257	281,373	5,917,906	43,769
1,694,048	45,263,120	31,810,489	3,456,965	2,258,071	3,364,318	11,840,575	173,718
106,258	92,517	5,251,409	834,999	5,041	33,554	913	-
12,745	543	1,129,620	-	-	-	15,734	-
119,003	93,060	6,381,029	834,999	5,041	33,554	16,647	-
15,708	5,268,540	248,037	5,311	605,101	913	33,554	-
108,430	315,536	588,239	-	-	-	1,545	-
72,668	54,890	2,647,755	32	-	-	16,367	-
196,806	5,638,966	3,484,031	5,343	605,101	913	51,466	-
616,245	39,717,214	34,707,487	4,286,621	1,658,011	3,396,959	11,805,756	173,718
794	4,627,156	457,301	53,581	-	-	208,308	41,257
615,451	35,090,058	34,250,186	4,233,040	1,658,011	3,396,959	11,597,448	132,461
160,799	4,264,194 <sup>r</sup>	2,869,890 <sup>r</sup>	303,763 <sup>r</sup>	208,140	309,677	1,167,053	15,252 <sup>r</sup>
10,148 <sup>r</sup>	9,889	582,891 <sup>r</sup>	63,909	561 <sup>r</sup>	1,727	1,487	-
16,270 <sup>r</sup>	588,489 <sup>r</sup>	307,430	367	54,918	372 <sup>r</sup>	3,061	-
154,677 <sup>r</sup>	3,685,594 <sup>r</sup>	3,145,351 <sup>r</sup>	367,305 <sup>r</sup>	153,783 <sup>r</sup>	311,032 <sup>r</sup>	1,165,479	15,252 <sup>r</sup>
-	450,503	44,806	1,568	-	-	21,389	2,948
154,677 <sup>r</sup>	3,235,091 <sup>r</sup>	3,100,545 <sup>r</sup>	365,737 <sup>r</sup>	153,783 <sup>r</sup>	311,032 <sup>r</sup>	1,144,090	12,304 <sup>r</sup>
570,220	45,884,705 <sup>r</sup>	32,745,816 <sup>r</sup>	3,450,700 <sup>r</sup>	2,050,191	3,089,997 <sup>r</sup>	12,129,146 <sup>r</sup>	150,433 <sup>r</sup>
98,293 <sup>r</sup>	92,240	5,537,067 <sup>r</sup>	670,196	6,021 <sup>r</sup>	29,176	69,653	-
148,860 <sup>r</sup>	5,870,226 <sup>r</sup>	4,624,447	3,434 <sup>r</sup>	562,271	4,995	45,690	-
519,653 <sup>r</sup>	40,106,719 <sup>r</sup>	33,658,436 <sup>r</sup>	4,117,462 <sup>r</sup>	1,493,941 <sup>r</sup>	3,114,178 <sup>r</sup>	12,153,109 <sup>r</sup>	150,433 <sup>r</sup>
1,364	5,541,903	536,974	327,525	-	-	206,739	24,625
518,289 <sup>r</sup>	34,564,816 <sup>r</sup>	33,121,462 <sup>r</sup>	3,789,937 <sup>r</sup>	1,493,941 <sup>r</sup>	3,114,178 <sup>r</sup>	11,946,370 <sup>r</sup>	125,808 <sup>r</sup>

# Electric Energy Made Available

January - November, 1961

Month	Total net generation	Imports from United States	Exports to United States	Total made available in Canada	Total made available less amount used in boilers	Daily Average	
						Total net generation	Total made available
thousand kwh.							
January .....	9,988,931 <sup>r</sup>	96,936	278,199	9,807,668 <sup>r</sup>	9,243,021 <sup>r</sup>	322,224 <sup>r</sup>	316,376 <sup>r</sup>
February .....	9,017,656 <sup>r</sup>	100,277	226,772	8,891,161 <sup>r</sup>	8,430,206 <sup>r</sup>	322,059 <sup>r</sup>	317,541 <sup>r</sup>
March .....	9,867,323 <sup>r</sup>	83,619	282,890	9,668,052 <sup>r</sup>	9,070,766 <sup>r</sup>	318,301 <sup>r</sup>	311,873 <sup>r</sup>
April .....	9,419,094 <sup>r</sup>	91,759	423,436	9,087,417 <sup>r</sup>	8,522,336 <sup>r</sup>	313,970 <sup>r</sup>	302,914 <sup>r</sup>
May .....	9,689,420 <sup>r</sup>	67,599	460,107	9,296,912 <sup>r</sup>	8,673,252 <sup>r</sup>	312,562 <sup>r</sup>	299,900 <sup>r</sup>
June .....	8,906,078 <sup>r</sup>	55,638	375,686	8,586,030 <sup>r</sup>	8,228,111 <sup>r</sup>	296,869 <sup>r</sup>	286,201 <sup>r</sup>
July .....	8,642,714 <sup>r</sup>	69,420	399,032	8,313,102 <sup>r</sup>	7,887,631 <sup>r</sup>	278,797 <sup>r</sup>	268,165 <sup>r</sup>
August .....	8,832,538 <sup>r</sup>	64,154	281,444	8,615,248 <sup>r</sup>	8,214,172 <sup>r</sup>	284,921 <sup>r</sup>	277,911 <sup>r</sup>
September .....	8,993,200 <sup>r</sup>	168,562	389,670	8,772,092 <sup>r</sup>	8,341,365 <sup>r</sup>	299,773 <sup>r</sup>	292,403 <sup>r</sup>
October .....	9,736,936 <sup>r</sup>	137,478	331,618	9,542,796 <sup>r</sup>	9,057,531 <sup>r</sup>	314,095 <sup>r</sup>	307,832 <sup>r</sup>
November .....	9,846,227	223,200	356,608	9,712,819	9,233,440	328,208	323,761 <sup>r</sup>
December .....							
Year .....							

## Net Generation, 1949-61

### CANADA

Year and month	Utilities			Industry			Grand total
	Hydro	Thermal	Total	Hydro	Thermal	Total	
thousand kwh.							
1949 .....	35,783,737	1,390,562	37,174,299	..	..	12,889,749	50,064,048
1950 .....	39,342,277	1,647,557	40,989,834	..	..	13,428,593	54,418,427
1951 .....	45,819,227	1,732,652	47,551,879	..	..	13,369,527	60,921,406
1952 .....	49,156,895	2,222,115	51,379,010	..	..	14,086,950	65,465,960
1953 .....	49,160,361	3,797,345	52,957,706	..	..	16,400,824	69,358,530
1954 .....	51,713,904	3,178,434	54,892,338	..	..	17,547,555	72,439,893
1955 .....	57,996,293	3,197,153	61,193,446	..	..	18,381,161	79,574,607
1956 .....	64,013,966	4,292,898	68,306,864	..	..	19,119,968	87,426,832
1957 .....	65,817,043	5,572,995	71,390,038	17,155,908	1,714,697	18,870,605	90,260,643
1958 .....	70,838,966	4,690,734	75,529,700	19,409,459	1,816,609	21,226,068	96,755,768
1959 .....	77,251,848	5,286,363	82,538,211	19,265,330	2,052,553	21,317,883	103,856,094
1960 .....	83,024,886	5,957,983	88,982,869	22,743,499	2,309,691	25,053,190	114,036,059
1960 January .....	7,321,813	506,537	7,828,350	1,869,453	191,342	2,060,795	9,889,145
February .....	6,933,208	467,430	7,400,638	1,856,992	186,235	2,043,227	9,443,865
March .....	7,291,110	530,015	7,821,125	2,028,749	221,539	2,250,288	10,071,413
April .....	6,881,069	414,701	7,295,770	1,929,442	185,718	2,115,160	9,410,930
May .....	6,987,146	404,634	7,391,780	1,778,285	198,438	1,976,723	9,368,503
June .....	6,778,899	385,971	7,164,870	1,778,372	191,699	1,970,071	9,134,941
July .....	6,641,461	405,961	7,047,422	1,835,921	173,328	2,009,249	9,056,671
August .....	6,717,367	494,189	7,211,556	1,926,008	188,688	2,114,696	9,326,252
September .....	6,625,090	539,748	7,164,838	1,895,961	194,847	2,090,808	9,255,646
October .....	6,821,417	602,043	7,423,460	1,962,466	191,878	2,154,344	9,577,804
November .....	6,893,835	581,128	7,474,963	1,918,275	197,289	2,115,564	9,590,527
December .....	7,132,471	625,626	7,758,097	1,963,575	188,690	2,152,265	9,910,362
1961 January .....	7,127,301	683,105	7,810,406	1,968,635	209,890 <sup>r</sup>	2,178,525 <sup>r</sup>	9,988,931 <sup>r</sup>
February .....	6,345,114	656,601	7,001,715	1,811,204	204,737 <sup>r</sup>	2,015,941 <sup>r</sup>	9,017,656 <sup>r</sup>
March .....	6,983,874	614,876	7,598,750	2,046,435	222,138 <sup>r</sup>	2,268,573 <sup>r</sup>	9,867,323 <sup>r</sup>
April .....	6,824,671	493,689	7,318,360	1,907,477	193,257 <sup>r</sup>	2,100,734 <sup>r</sup>	9,419,094 <sup>r</sup>
May .....	7,108,261	495,902	7,604,163	1,880,146	205,111 <sup>r</sup>	2,085,257 <sup>r</sup>	9,689,420 <sup>r</sup>
June .....	6,600,943	420,047	7,020,990	1,674,698	210,390 <sup>r</sup>	1,885,088 <sup>r</sup>	8,906,078 <sup>r</sup>
July .....	6,475,900	465,447	6,941,347	1,502,076	199,291 <sup>r</sup>	1,701,367 <sup>r</sup>	8,642,714 <sup>r</sup>
August .....	6,526,017	551,419	7,077,436	1,539,842	215,260 <sup>r</sup>	1,755,102 <sup>r</sup>	8,832,538 <sup>r</sup>
September .....	6,590,943	612,425	7,203,368	1,577,823	212,009 <sup>r</sup>	1,789,832 <sup>r</sup>	8,993,200 <sup>r</sup>
October .....	7,002,617	642,248	7,644,865	1,879,501 <sup>r</sup>	212,570 <sup>r</sup>	2,092,071 <sup>r</sup>	9,736,936 <sup>r</sup>
November .....	7,054,967	681,577	7,736,544	1,894,278	215,405	2,109,683	9,846,227
December .....							

. Figures not available.



CATALOGUE No.

57-001

MONTHLY

# DOMINION BUREAU OF STATISTICS

OTTAWA - CANADA

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## ELECTRIC POWER STATISTICS

DECEMBER, 1961

Total net generation by firms having a minimum annual generation of approximately 10 million kilowatt hours increased 3.7 per cent to 10,278,686 mwh. in December, 1961, from the 9,913,681 mwh. generated in the same month one year ago.

Industrial establishments increased their generation by 1.0 per cent to 2,176,218 mwh. from 2,155,584 mwh. and the utilities increased their generation by 4.4 per cent to 8,102,468 mwh. from 7,758,097 mwh. the previous year.

Exports increased to 374,568 mwh. from 305,763 and imports increased to 335,318 mwh. from 81,493.

The amount made available for primary purposes increased by 5.1 per cent to 9,606,631 mwh. from 9,141,571 thereby decreasing the amount used in electric boilers to 532,805 mwh. from 547,840.

Net generation for the year 1961 totalled 113,214,455 mwh. compared with 14,039,374 mwh. in 1960, a decrease of 0.7 per cent. In spite of this decreased generation, which was caused mainly by the summer shut down at Kitimat, the amount made available less the amount used in electric boilers increased by 2.8 per cent to 104,504,114 mwh. from 101,653,544 mwh. in 1960.

Monthly electric power statistics are designed to provide current information on the production and consumption of electric energy in Canada. In order to expedite the collection and compilation of returns, the series is confined to firms which generate a minimum of 10 million kilowatt hours per annum. These firms, however, accounted for 99.3 per cent of total production in 1959.

In the electric power series, net generation is defined as total generation less the amount used in station service. The "amount made available for use in Canada" is the sum of net generation, plus imports, less exports. Some of the "amount made available" is sold as surplus or secondary power for use, for the most part, in electric boilers, which is the only form of secondary consumption that can be readily ascertained for all provinces. Energy used in electric boilers is deducted from the "amount made available" in order to provide a figure approximating primary consumption.

Prepared in the Public Utilities Section  
Public Finance & Transportation Division

06-506-121

Electric Energy Made Available

December, 1961

	Canada	Newfoundland	Prince Edward Island	Nova Scotia
	thousand kwh.			
Net generation:				
Utilities:	7,370,796	79,036	-	50,688
Hydro .....	731,672	13,575	9,407	95,497
Thermal .....	8,102,468	92,611	9,407	146,185
Total utilities .....				
Industry:	1,978,392	33,582	-	3,252
Hydro .....	197,826	3,571	-	10,518
Thermal .....	2,176,218	37,153	-	13,770
Total industry .....				
Total net generation .....	10,278,686	129,764	9,407	159,955
Energy imported:				819
From other provinces .....	235,318	-	-	-
From United States .....	235,318	-	-	819
Total imported .....				
Energy exported:		9,066	-	2,268
To other provinces .....	96,170	-	-	-
To United States - Primary .....	278,398	-	-	-
Secondary .....	374,568	9,066	-	2,268
Total exported .....				
Energy made available in Canada(1) .....	10,139,436	120,698	9,407	158,506
Amount used in electric boilers .....	532,805	2,571	-	-
Energy made available less amount used in boilers .....	9,606,631	118,127	9,407	158,506
Cumulative totals, January - December, 1961(2)				
Net generation:				
Utilities:	82,006,514	931,875	-	512,002
Hydro .....	7,049,079	86,080	88,576	1,179,288
Thermal .....	89,055,593	1,017,955	88,576	1,691,290
Total utilities .....				
Industry:	21,660,507	382,657	-	31,257
Hydro .....	2,498,355	38,729	-	127,504
Thermal .....	24,158,862	421,386	-	158,761
Total industry .....				
Total net generation .....	113,214,455	1,439,341	88,576	1,850,051
Energy imported:				16,527
From other provinces .....	1,393,960	-	-	-
From United States .....	1,393,960	-	-	16,527
Total imported .....				
Energy exported:		83,444	-	91,125
To other provinces .....	1,109,920	-	-	-
To United States - Primary .....	3,070,110	-	-	-
Secondary .....	4,180,030	83,444	-	91,125
Total exported .....				
Energy made available in Canada(1) .....	110,428,385	1,355,897	88,576	1,775,453
Amount used in electric boilers .....	5,924,271	5,640	-	-
Energy made available less amount used in boilers .....	104,504,114	1,350,257	88,576	1,775,453
December, 1960				
Total net generation .....	9,913,681 <sup>r</sup>	121,251 <sup>r</sup>	8,265	167,340 <sup>r</sup>
Total energy imported .....	81,493 <sup>r</sup>	-	-	-
Total energy exported .....	305,763 <sup>r</sup>	9,371	-	9,525
Total made available in Canada(1) .....	9,689,411 <sup>r</sup>	111,880 <sup>r</sup>	8,265	157,815 <sup>r</sup>
Amount used in electric boilers .....	547,840 <sup>r</sup>	1,858	-	-
Total made available less amount used in boilers .....	9,141,571 <sup>r</sup>	110,022 <sup>r</sup>	8,265	157,815 <sup>r</sup>
January - December, 1960				
Total net generation .....	114,039,374 <sup>r</sup>	1,478,512 <sup>r</sup>	79,021	1,793,808 <sup>r</sup>
Total energy imported .....	366,612 <sup>r</sup>	-	-	-
Total energy exported .....	5,493,820 <sup>r</sup>	84,714	-	79,843 <sup>r</sup>
Total made available in Canada(1) .....	108,912,166 <sup>r</sup>	1,393,798 <sup>r</sup>	79,021	1,713,965 <sup>r</sup>
Amount used in electric boilers .....	7,258,622 <sup>r</sup>	73,510	-	-
Total made available less amount used in boilers .....	101,653,544 <sup>r</sup>	1,320,288 <sup>r</sup>	79,021	1,713,965 <sup>r</sup>

(1) Includes interruptible and at-will energy and energy used in electric boilers.

(2) Cumulative totals, January - December, 1961 include small revisions for the year, which are not included in previous monthly reports.

... Figures not appropriate or not applicable.

r Revised figures.

Electric Energy Made Available

December, 1961

New Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Yukon and N.W.T.
92,808	3,245,827	2,798,149	344,325	55,150	113,774	577,090	13,949
42,044	186	62,715	35,414	189,620	249,304	31,809	2,101
134,852	3,246,013	2,860,864	379,739	244,770	363,078	608,899	16,050
3,955	1,189,663	132,607	4,731	4,847	-	602,467	3,288
46,739	23,412	53,076	-	2,131	23,984	34,395	-
50,694	1,213,075	185,683	4,731	6,978	23,984	636,862	3,288
185,546	4,459,088	3,046,547	384,470	251,748	387,062	1,245,761	19,338
4,147	11,172	585,411	88,989	834	2,033	-	-
1,326	64	232,678	-	-	-	1,250	-
5,473	11,236	818,089	88,989	834	2,033	1,250	-
819	587,290	33,827	834	57,268	-	2,033	-
12,400	30,044	53,604	-	-	-	122	-
9,184	6,658	261,337	5	-	-	1,214	-
22,403	623,992	348,768	839	57,268	-	3,369	-
168,616	3,846,332	3,515,868	472,620	195,314	389,095	1,243,642	19,338
125	418,601	69,210	3,853	-	-	33,447	4,998
168,491	3,427,731	3,446,658	468,767	195,314	389,095	1,210,195	14,340

Cumulative totals, January - December, 1961

938,722	35,840,092	32,184,232	3,540,655	620,050	1,022,692	6,289,682	126,512
375,410	15,188	569,166	249,072	1,801,534	2,423,331	241,876	19,558
1,314,132	35,855,280	32,753,398	3,789,727	2,421,584	3,446,023	6,531,558	146,070
55,308	13,583,744	1,461,327	51,708	38,028	-	6,009,421	47,057
510,154	278,304	642,311	-	50,649	305,357	545,347	-
565,462	13,862,048	2,103,638	51,708	88,677	305,357	6,554,768	47,057
1,879,594	49,717,328	34,857,036	3,841,435	2,510,261	3,751,380	13,086,326	193,127
110,405	103,689	5,836,830	923,988	5,875	35,587	913	-
14,071	607	1,362,298	-	-	-	16,984	-
124,476	104,296	7,199,128	923,988	5,875	35,587	17,897	-
16,527	5,855,840	281,864	6,145	662,369	913	35,587	-
120,830	345,580	641,843	-	-	-	1,667	-
81,852	61,548	2,909,092	37	-	-	17,581	-
219,209	6,262,968	3,832,799	6,182	662,369	913	54,835	-
1,784,861	43,558,656	38,223,365	4,759,241	1,853,767	3,786,054	13,049,388	193,127
919	5,045,757	526,511	57,434	-	-	241,755	46,255
1,783,942	38,512,899	37,696,854	4,701,807	1,853,767	3,786,054	12,807,633	146,872
158,585 <sup>r</sup>	4,388,177 <sup>r</sup>	2,945,892 <sup>r</sup>	359,479 <sup>r</sup>	228,659	336,738	1,183,715	15,580 <sup>r</sup>
12,709 <sup>r</sup>	11,179	645,061 <sup>r</sup>	68,915	369	829	2,016	-
15,913 <sup>r</sup>	604,147 <sup>r</sup>	265,819	386	57,305	649	2,233	-
155,381 <sup>r</sup>	3,795,209 <sup>r</sup>	3,325,134 <sup>r</sup>	428,008 <sup>r</sup>	171,723	336,918	1,183,498	15,580 <sup>r</sup>
-	451,460	48,578	16,235	-	-	26,459	3,250
155,381 <sup>r</sup>	3,343,749 <sup>r</sup>	3,276,556 <sup>r</sup>	411,773 <sup>r</sup>	171,723	336,918	1,157,039	12,330 <sup>r</sup>
1,728,805 <sup>r</sup>	50,272,882 <sup>r</sup>	35,691,708 <sup>r</sup>	3,810,179 <sup>r</sup>	2,278,850	3,426,735	13,312,861 <sup>r</sup>	166,013 <sup>r</sup>
111,002 <sup>r</sup>	103,419	6,182,128 <sup>r</sup>	739,111	6,390	30,005	71,669	-
164,773 <sup>r</sup>	6,474,373 <sup>r</sup>	4,890,266	3,820	619,576	5,644	47,923	-
1,675,034 <sup>r</sup>	43,901,928 <sup>r</sup>	36,983,570 <sup>r</sup>	4,545,470 <sup>r</sup>	1,665,664	3,451,096	13,336,607	166,013 <sup>r</sup>
1,364	5,993,363	585,552	343,760	-	-	233,198	27,875
1,673,670 <sup>r</sup>	37,908,565 <sup>r</sup>	36,398,018 <sup>r</sup>	4,201,710 <sup>r</sup>	1,665,664	3,451,096	13,103,409	138,138 <sup>r</sup>



# Electric Energy Made Available

January - December, 1961

Month	Total net generation	Imports from United States	Exports to United States	Total made available in Canada	Total made available less amount used in boilers	Daily Average	
						Total net generation	Total made available
thousand kwh.							
January .....	9,988,931	96,936	278,199	9,807,668	9,243,021	322,224	316,376
February .....	9,017,656	100,277	226,772	8,891,161	8,430,206	322,059	317,541
March .....	9,867,323	83,619	282,890	9,668,052	9,070,766	318,301	311,873
April .....	9,419,094	91,759	423,436	9,087,417	8,522,336	313,970	302,914
May .....	9,689,420	67,599	460,107	9,296,912	8,673,252	312,562	299,900
June .....	8,906,078	55,638	375,686	8,586,030	8,228,111	296,869	286,201
July .....	8,642,714	69,420	399,032	8,313,102	7,887,631	278,797	268,165
August .....	8,832,538	64,154	281,444	8,615,248	8,214,172	284,921	277,911
September .....	8,993,200	168,562	389,670	8,772,092	8,341,365	299,773	292,403
October .....	9,736,926 <sup>r</sup>	137,478	331,618	9,542,786 <sup>r</sup>	9,057,521 <sup>r</sup>	314,095	307,832
November .....	9,846,227	223,200	356,608	9,712,819	9,233,440	328,208	323,761
December .....	10,278,686	235,318	374,568	10,139,436	9,606,631	331,570	327,079
Year .....	113,214,455	1,393,960	4,180,030	110,428,385	104,504,114	310,177	302,544

## Net Generation, 1949-61

### CANADA

Year and month	Utilities			Industry			Grand total
	Hydro	Thermal	Total	Hydro	Thermal	Total	
thousand kwh.							
1949 .....	35,783,737	1,390,562	37,174,299	..	..	12,889,749	50,064,048
1950 .....	39,342,277	1,647,557	40,989,834	..	..	13,428,593	54,418,427
1951 .....	45,819,227	1,732,652	47,551,879	..	..	13,369,527	60,921,406
1952 .....	49,156,895	2,222,115	51,379,010	..	..	14,086,950	65,465,960
1953 .....	49,160,361	3,797,345	52,957,706	..	..	16,400,824	69,358,530
1954 .....	51,713,904	3,178,434	54,892,338	..	..	17,547,555	72,439,893
1955 .....	57,996,293	3,197,153	61,193,446	..	..	18,381,161	79,574,607
1956 .....	64,013,966	4,292,898	68,306,864	..	..	19,119,968	87,426,832
1957 .....	65,817,043	5,572,995	71,390,038	17,155,908	1,714,697	18,870,605	90,260,643
1958 .....	70,840,574 <sup>r</sup>	4,690,850 <sup>r</sup>	75,531,424 <sup>r</sup>	19,409,459	1,816,609	21,226,068	96,757,492 <sup>r</sup>
1959 .....	77,251,848	5,286,363	82,538,211	19,265,330	2,052,553	21,317,883	103,856,094
1960 .....	83,024,886	5,957,979 <sup>r</sup>	88,982,865 <sup>r</sup>	22,743,499	2,313,010 <sup>r</sup>	25,056,509 <sup>r</sup>	114,039,374 <sup>r</sup>
1960 January .....	7,321,813	506,537	7,828,350	1,869,453	191,342	2,060,795	9,889,145
February .....	6,933,208	467,430	7,400,638	1,856,992	186,235	2,043,227	9,443,865
March .....	7,291,110	530,011 <sup>r</sup>	7,821,121 <sup>r</sup>	2,028,749	221,539	2,250,288	10,071,409 <sup>r</sup>
April .....	6,881,069	414,701	7,295,770	1,929,442	185,718	2,115,160	9,410,930
May .....	6,987,146	404,634	7,391,780	1,778,285	198,438	1,976,723	9,368,503
June .....	6,778,899	385,971	7,164,870	1,778,372	191,699	1,970,071	9,134,941
July .....	6,641,461	405,961	7,047,422	1,835,921	173,328	2,009,249	9,056,671
August .....	6,717,367	494,189	7,211,556	1,926,008	188,688	2,114,696	9,326,252
September .....	6,625,090	539,748	7,164,838	1,895,961	194,847	2,090,808	9,255,646
October .....	6,821,417	602,043	7,423,460	1,962,466	191,878	2,154,344	9,577,804
November .....	6,893,835	581,128	7,474,963	1,918,275	197,289	2,115,564	9,590,527
December .....	7,132,471	625,626	7,758,097	1,963,575	192,009 <sup>r</sup>	2,155,584 <sup>r</sup>	9,913,681 <sup>r</sup>
1961 January .....	7,127,301	683,105	7,810,406	1,968,635	209,890	2,178,525	9,988,931
February .....	6,345,114	656,601	7,001,715	1,811,204	204,737	2,015,914	9,017,656
March .....	6,983,874	614,876	7,598,750	2,046,435	222,138	2,268,573	9,867,323
April .....	6,824,671	493,689	7,318,360	1,907,477	193,257	2,100,734	9,419,094
May .....	7,108,261	495,902	7,604,163	1,880,146	205,111	2,085,257	9,689,420
June .....	6,600,943	420,047	7,020,990	1,674,698	210,390	1,885,088	8,906,078
July .....	6,475,900	465,447	6,941,347	1,502,076	199,291	1,701,367	8,642,714
August .....	6,526,017	551,419	7,077,436	1,539,842	215,260	1,755,102	8,832,538
September .....	6,590,943	612,425	7,203,368	1,577,823	212,009	1,789,832	8,993,200
October .....	7,002,607 <sup>r</sup>	642,248	7,644,855 <sup>r</sup>	1,879,501	212,570	2,092,071	9,736,926 <sup>r</sup>
November .....	7,054,967	681,577	7,736,544	1,894,278	215,405	2,109,683	9,846,227
December .....	7,370,796	731,672	8,102,468	1,978,392	197,826	2,176,218	10,278,686

.. Figures not available.

CATALOGUE No.

57-001

MONTHLY

Canada. Statistics, Bureau of  
**DOMINION BUREAU OF STATISTICS**

OTTAWA - CANADA

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ELECTRIC POWER STATISTICS

JANUARY, 1962

Firms having an annual minimum generation of approximately 10 million kilowatt hours increased their total net generation by 6.1 per cent to 10,598,198 mwh. in January 1962, from the 9,988,931 mwh. generated in the same month one year ago.

Generation by industrial establishments increased 2.9 per cent to 2,241,797 mwh. from 2,178,525 mwh. and the utilities increased their generation by 7.0 per cent to 8,356,401 mwh. from 7,810,406 mwh.

Exports increased to 401,507 mwh. from 278,199 and imports increased to 238,032 mwh. from 96,936.

The amount made available for primary purposes increased by 6.9 per cent to 9,884,189 mwh. from 9,243,021 thereby decreasing the amount used in electric boilers by 2.5 per cent to 550,534 mwh. from 564,647.

Total net generation for the twelve month period ending January, 1962 amounted to 113,823,505 mwh.

Monthly electric power statistics are designed to provide current information on the production and consumption of electric energy in Canada. In order to expedite the collection and compilation of returns, the series is confined to firms which generate a minimum of 10 million kilowatt hours per annum. These firms, however, accounted for 99.3 per cent of total production in 1959.

In the electric power series, net generation is defined as total generation less the amount used in station service. The "amount made available for use in Canada" is the sum of net generation, plus imports, less exports. Some of the "amount made available" is sold as surplus or secondary power for use, for the most part, in electric boilers, which is the only form of secondary consumption that can be readily ascertained for all provinces. Energy used in electric boilers is deducted from the "amount made available" in order to provide a figure approximating primary consumption.

Prepared in the Public Utilities Section  
Public Finance & Transportation Division

1506-506-12

TABLE 1. Electric Energy Statistics

January

		Canada	Newfoundland	Prince Edward Island	Nova Scotia
		thousand kwh.			
January, 1962					
1	Net generation - Utilities: Hydro .....	7,409,234	84,571	-	64,097
2	Thermal .....	947,167	8,831	9,200	110,143
3	Totals .....	8,356,401	93,402	9,200	174,240
4	Industry: Hydro .....	2,021,823	31,136	-	3,315
5	Thermal .....	219,974	5,356	-	0,435
6	Totals .....	2,241,797	36,492	-	12,750
7	Total net generation .....	10,598,198	129,894	9,200	186,990
8	Energy imported: From other provinces .....	-	-	-	18
9	From United States .....	238,032	-	-	18
10	Totals .....	238,032	-	-	18
11	Energy exported: To other provinces .....	-	8,000	-	18,142
12	To United States - Primary .....	97,023	-	-	-
13	Secondary .....	304,484	-	-	18,142
14	Totals .....	401,507	8,000	-	18,142
15	Net energy available in Canada .....	10,434,723	121,894	9,200	168,488
16	Amount used in electric boilers .....	550,534	2,264	-	-
17	Net energy available, less amount used in boilers .....	9,884,189	119,630	9,200	168,488
January, 1961					
18	Total net generation .....	9,988,931	123,576	8,154	169,178
19	Total energy imported .....	96,936	-	-	9
20	Total energy exported .....	278,199	6,503	-	12,487
21	Net energy available in Canada .....	9,807,668	117,073	8,154	156,700
22	Amount used in electric boilers .....	564,647	1,555	-	-
23	Net energy available, less amount used in boilers .....	9,243,021	115,518	8,154	156,700

TABLE 2. Electric Energy Statistics, Cumulative Totals

		thousand kwh.			
24	Net generation - Utilities: Hydro .....				
25	Thermal .....				
26	Totals .....				
27	Industry: Hydro .....				
28	Thermal .....				
29	Totals .....				
30	Total net generation .....				
31	Energy imported: From other provinces .....				
32	From United States .....				
33	Totals .....				
34	Energy exported: To other provinces .....				
35	To United States - Primary .....				
36	Secondary .....				
37	Totals .....				
38	Net energy available in Canada .....				
39	Amount used in electric boilers .....				
40	Net energy available, less amount used in boilers .....				
41	Total net generation .....				
42	Total energy imported .....				
43	Total energy exported .....				
44	Net energy available in Canada .....				
45	Amount used in electric boilers .....				
46	Net energy available, less amount used in boilers .....				

... Figures not appropriate or not applicable



TABLE 1. Electric Energy Statistics

January

New Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Yukon and N.W.T.	No.
thousand kwh.								
69,387	3,343,549	2,712,280	345,476	56,798	115,231	603,900	13,945	1
38,245	109	272,346	44,155	191,591	244,699	25,720	2,128	2
107,632	3,343,658	2,984,626	389,631	248,389	359,930	629,620	16,073	3
4,502	1,219,315	137,195	4,892	4,921	-	613,165	3,382	4
48,425	22,851	59,790	-	1,886	25,339	46,892	-	5
52,927	1,242,166	196,985	4,892	6,807	25,339	660,057	3,382	6
160,559	4,585,824	3,181,611	394,523	255,196	385,269	1,289,677	19,455	7
20,634	9,976	595,659	89,573	955	1,771	-	-	8
1,581	65	234,922	-	-	-	1,464	-	9
22,215	10,041	830,581	89,573	955	1,771	1,464	-	10
18	597,773	32,877	955	58,672	-	1,771	-	11
12,832	29,093	54,974	6	-	-	118	-	12
3,752	5,678	293,637	-	-	-	1,417	-	13
16,602	632,544	381,488	961	58,672	-	3,306	-	14
166,172	3,963,321	3,630,704	483,135	197,479	387,040	1,287,835	19,455	15
14	443,679	62,973	759	-	-	35,349	5,496	16
166,158	3,519,642	3,567,731	482,376	197,479	387,040	1,252,486	13,959	17
148,476	4,407,280	2,969,302	357,522	229,841	333,118	1,226,573	15,911	18
15,712	8,629	659,509	95,332	391	899	1,898	-	19
11,879	607,185	262,211	395	58,441	398	4,143	-	20
152,309	3,808,724	3,556,600	452,459	171,791	333,619	1,224,328	15,911	21
-	447,304	56,855	26,826	-	-	27,182	4,925	22
152,309	3,361,420	3,309,745	425,633	171,791	333,619	1,197,146	10,986	23

TABLE 2. Electric Energy Statistics, Cumulative Totals

thousand kwh.

TABLE 3. Electric Energy Made Available

January, 1962

Month	Total net generation	Imports from United States	Exports to United States	Total made available in Canada	Amount used in Electric Boilers	Total made available less amount used in electric boilers	Daily average total net generation
thousand kwh.							
January .....	10,598,198	238,032	401,507	10,434,723	550,534	9,884,189	341,877
February .....							
March .....							
April .....							
May .....							
June .....							
July .....							
August .....							
September .....							
October .....							
November .....							
December .....							
Year .....							

TABLE 4. Net Generation, 1950-62

CANADA

Year and month	Utilities			Industry			Grand total
	Hydro	Thermal	Total	Hydro	Thermal	Total	
thousand kwh.							
1950 .....	49,342,277	1,647,557	40,989,834	..	..	13,428,593	54,418,421
1951 .....	45,819,227	1,732,652	47,551,879	..	..	13,369,527	60,921,406
1952 .....	49,156,895	2,222,115	51,379,010	..	..	14,086,950	65,465,960
1953 .....	49,160,361	3,797,345	52,957,706	..	..	16,400,824	69,358,530
1954 .....	51,713,904	3,178,434	54,892,338	..	..	17,547,555	72,439,893
1955 .....	57,996,293	3,197,153	61,193,446	..	..	18,381,161	79,574,600
1956 .....	64,013,966	4,292,898	68,306,864	..	..	19,119,968	87,426,832
1957 .....	65,817,043	5,572,995	71,390,038	17,155,908	1,714,697	18,870,605	90,260,643
1958 .....	70,840,574	4,690,850	75,531,424	19,409,459	1,816,609	21,226,068	96,757,492
1959 .....	77,251,848	5,286,363	82,538,211	19,265,330	2,052,553	21,317,883	103,856,094
1960 .....	83,024,886	5,957,979	88,982,865	22,743,499	2,313,010	25,056,509	114,039,374
1961 .....	82,007,439	7,049,079	89,056,518	21,660,132	2,497,588	24,157,720	113,214,238
1961 January .....	7,127,301	683,105	7,810,406	1,968,635	209,890	2,178,525	9,988,931
February .....	6,345,114	556,601	7,001,715	1,811,204	204,737	2,015,941	9,017,656
March .....	6,983,874	614,876	7,598,750	2,046,435	222,138	2,268,573	9,867,323
April .....	6,824,671	493,689	7,318,360	1,907,477	193,257	2,100,734	9,419,094
May .....	7,108,261	495,902	7,604,163	1,880,146	205,111	2,085,257	9,689,420
June .....	6,600,943	420,047	7,020,990	1,674,698	210,390	1,885,088	8,906,066
July .....	6,475,900	465,447	6,941,347	1,502,076	199,291	1,701,367	8,642,714
August .....	6,526,017	551,419	7,077,436	1,539,842	215,260	1,755,102	8,832,538
September .....	6,590,943	612,425	7,203,368	1,577,823	212,009	1,789,832	8,993,200
October .....	7,002,607	642,248	7,644,855	1,879,501	212,570	2,092,071	9,736,926
November .....	7,054,967	681,577	7,736,544	1,894,278	215,405	2,109,683	9,846,227
December .....	7,370,796	731,672	8,102,468	1,978,392	197,826	2,176,218	10,278,686
1962 January .....	7,409,234	947,167	8,356,401	2,021,823	219,974	2,241,797	10,598,198
February .....							
March .....							
April .....							
May .....							
June .....							
July .....							
August .....							
September .....							
October .....							
November .....							
December .....							

(1) Net Generation for year 1961 includes small revisions for the year which are not included in the monthly breakdown.  
 .. Figures not available.

CATALOGUE No.

57-001

MONTHLY

# DOMINION BUREAU OF STATISTICS

OTTAWA - CANADA

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## ELECTRIC POWER STATISTICS

FEBRUARY, 1962

Firms which generate a minimum of approximately 10 million kilowatt hours annually increased their total net generation by 6.7 per cent to 9,624,856 mwh. in February 1962, from 9,017,656 mwh. in the same month one year ago.

Industrial establishments increased their generation by 1.7 per cent to 2,050,249 mwh. from 2,015,941 mwh. and utilities increased their generation by 8.2 per cent to 7,574,607 mwh. from 7,001,715 mwh.

Exports increased to 327,978 mwh. from 226,772 mwh. and imports increased to 216,267 mwh. from 100,277 mwh.

The amount made available for primary uses increased by 6.4 per cent to 8,968,050 mwh. from 8,430,206 mwh. thereby increasing the amount for use in electric boilers by 18.2 per cent to 545,095 mwh. from 460,955 mwh. in 1961.

Total net generation for the twelve month period ending February, 1962, amounted to 114,430,705 mwh.

Monthly electric power statistics are designed to provide current information on the production and consumption of electric energy in Canada. In order to expedite the collection and compilation of returns, the series is confined to firms which generate a minimum of 10 million kilowatt hours per annum. These firms, however, accounted for 99.3 per cent of total production in 1959.

In the electric power series, net generation is defined as total generation less the amount used in station service. The "amount made available for use in Canada" is the sum of net generation, plus imports, less exports. Some of the "amount made available" is sold as surplus or secondary power for use, for the most part, in electric boilers, which is the only form of secondary consumption that can be readily ascertained for all provinces. Energy used in electric boilers is deducted from the "amount made available" in order to provide a figure approximating primary consumption.

Prepared in the Public Utilities Section  
Public Finance & Transportation Division

506-506-22



TABLE 1. Electric Energy Statistics

February, 1962

No.		Canada	Newfoundland	Prince Edward Island	Nova Scotia
		thousand kwh.			
	February, 1962				
1	Net generation - Utilities: Hydro .....	6,771,342	89,125	-	56,117
2	Thermal .....	803,265	5,377	8,126	116,099
3	Totals .....	7,574,607	94,502	8,126	172,216
4	Industry: Hydro .....	1,841,534	30,146	-	3,055
5	Thermal .....	208,715	4,055	-	7,239
6	Totals .....	2,050,249	34,201	-	10,294
7	Total net generation .....	9,624,856	128,703	8,126	182,510
8	Energy imported: From other provinces .....	...	-	-	10
9	From United States .....	216,267	-	-	-
10	Totals .....	216,267	-	-	10
11	Energy exported: To other provinces .....	...	8,500	-	30,707
12	To United States - Primary .....	82,323	-	-	-
13	Secondary .....	245,655	-	-	-
14	Totals .....	327,978	8,500	-	30,707
15	Net energy available in Canada .....	9,513,145	120,203	8,126	151,813
16	Amount used in electric boilers .....	545,095	9,355	-	-
17	Net energy available, less amount used in boilers .....	8,968,050	110,848	8,126	151,813
	February, 1961				
18	Total net generation .....	9,017,656	111,279	6,941	169,000
19	Total energy imported .....	100,277	-	-	-
20	Total energy exported .....	226,772	7,692	-	18,717
21	Net energy available in Canada .....	8,891,161	103,587	6,941	150,283
22	Amount used in electric boilers .....	460,955	-	-	-
23	Net energy available, less amount used in boilers .....	8,430,206	103,587	6,941	150,283

TABLE 2. Electric Energy Statistics, Cumulative Totals

		thousand kwh.			
		Canada	Newfoundland	Prince Edward Island	Nova Scotia
	January - February, 1962				
24	Net generation - Utilities: Hydro .....	14,180,576	173,696	-	120,214
25	Thermal .....	1,750,432	14,208	17,326	226,242
26	Totals .....	15,931,008	187,904	17,326	346,456
27	Industry: Hydro .....	3,863,357	61,282	-	6,370
28	Thermal .....	428,689	9,411	-	16,674
29	Totals .....	4,292,046	70,693	-	23,044
30	Total net generation .....	20,223,054	258,597	17,326	369,500
31	Energy imported: From other provinces .....	...	-	-	28
32	From United States .....	454,299	-	-	-
33	Totals .....	454,299	-	-	28
34	Energy exported: To other provinces .....	...	16,500	-	49,227
35	To United States - Primary .....	179,346	-	-	-
36	Secondary .....	552,480	-	-	-
37	Totals .....	731,826	16,500	-	49,227
38	Net energy available in Canada .....	19,945,527	242,097	17,326	320,301
39	Amount used in electric boilers .....	1,095,629	11,619	-	-
40	Net energy available, less amount used in boilers .....	18,849,898	230,478	17,326	320,301
	January - February, 1961				
41	Total net generation .....	19,006,587	234,855	15,095	338,178
42	Total energy imported .....	197,213	-	-	9
43	Total energy exported .....	504,971	14,195	-	31,204
44	Net energy available in Canada .....	18,698,829	220,660	15,095	306,983
45	Amount used in electric boilers .....	1,025,602	1,555	-	-
46	Net energy available, less amount used in boilers .....	17,673,227	219,105	15,095	306,983

... Figures not appropriate or not applicable.

TABLE 1. Electric Energy Statistics  
February, 1962

New Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Yukon and N.W.T.	No.
thousand kwh.								
35,883	3,078,983	2,485,603	314,566	52,227	104,587	541,888	12,363	1
43,544	146	192,786	25,535	172,060	215,296	22,223	2,073	2
79,427	3,079,129	2,678,389	340,101	224,287	319,883	564,111	14,436	3
2,639	1,119,333	125,408	4,336	4,201	-	549,348	3,068	4
44,518	21,167	56,409	-	1,958	28,621	44,748	-	5
47,157	1,140,500	181,817	4,336	6,159	28,621	594,096	3,068	6
126,584	4,219,629	2,860,206	344,437	230,446	348,504	1,158,207	17,504	7
32,510	10,332	544,248	83,693	889	2,024	-	-	8
1,936	68	212,913	-	-	-	1,350	-	9
34,446	10,400	757,161	83,693	889	2,024	1,350	-	10
10	546,051	31,016	889	54,509	-	2,024	-	11
10,019	26,051	46,149	1	-	-	103	-	12
1,666	6,911	235,792	-	-	-	1,286	-	13
11,695	579,013	312,957	890	54,509	-	3,413	-	14
149,335	3,651,016	3,304,410	427,240	176,826	350,528	1,156,144	17,504	15
-	443,467	59,332	26	-	-	28,180	4,735	16
149,335	3,207,549	3,245,078	427,214	176,826	350,528	1,127,964	12,769	17
118,425	4,047,820	2,623,997	311,052	200,399	301,497	1,112,432	14,814	18
21,529	9,338	597,227	71,280	408	1,525	1,792	-	19
10,820	536,984	199,047	411	52,635	203	3,085	-	20
129,134	3,520,174	3,022,177	381,921	148,172	302,819	1,111,139	14,814	21
-	390,189	39,926	1,489	-	-	25,552	3,799	22
129,134	3,129,985	2,982,251	380,432	148,172	302,819	1,085,587	11,015	23

TABLE 2. Electric Energy Statistics, Cumulative Totals

thousand kwh.								
105,270	6,422,532	5,197,883	660,042	109,025	219,818	1,145,788	26,308	24
81,789	255	465,132	69,690	363,651	459,995	47,943	4,201	25
187,059	6,422,787	5,663,015	729,732	472,676	679,813	1,193,731	30,509	26
7,141	2,338,648	262,603	9,228	9,122	-	1,162,513	6,450	27
92,943	44,018	116,199	-	3,844	53,960	91,640	-	28
100,084	2,382,666	378,802	9,228	12,966	53,960	1,254,153	6,450	29
287,143	8,805,453	6,041,817	738,960	485,642	733,773	2,447,884	36,959	30
53,144	20,308	1,139,907	173,266	1,844	3,795	-	-	31
3,517	133	447,835	-	-	-	2,814	-	32
56,661	20,441	1,587,742	173,266	1,844	3,795	2,814	-	33
28	1,143,824	63,893	1,844	113,181	-	3,795	-	34
22,851	55,144	101,123	7	-	-	221	-	35
5,418	12,589	531,770	-	-	-	2,703	-	36
28,297	1,211,557	696,786	1,851	113,181	-	6,719	-	37
315,507	7,614,337	6,932,773	910,375	374,305	737,568	2,443,979	36,959	38
14	887,146	122,305	785	-	-	63,529	10,231	39
315,493	6,727,191	6,810,468	909,590	374,305	737,568	2,380,450	26,728	40
266,901	8,455,100	5,593,299	668,574	430,240	634,615	2,339,005	30,725	41
37,241	17,967	1,256,736	166,612	799	2,424	3,690	-	42
22,699	1,144,169	461,258	806	111,076	601	7,228	-	43
281,443	7,328,898	6,388,777	834,380	319,963	636,438	2,335,467	30,725	44
-	837,493	96,781	28,315	-	-	52,734	8,724	45
281,443	6,491,405	6,291,996	806,065	319,963	636,438	2,282,733	22,001	46

TABLE 3. Electric Energy Made Available

February, 1962

Month	Total net generation	Imports from United States	Exports to United States	Total made available in Canada	Amount used in Electric Boilers	Total made available less amount used in electric boilers	Daily average, total net generation
thousand kwh.							
January .....	10,598,198	238,032	401,507	10,434,723	550,534	9,884,189	341,877
February .....	9,624,856	216,267	327,978	9,513,145	545,095	8,968,050	343,745
March .....							
April .....							
May .....							
June .....							
July .....							
August .....							
September .....							
October .....							
November .....							
December .....							
Year .....							

TABLE 4. Net Generation, 1950-62

CANADA

Year and month	Utilities			Industry			Grand total
	Hydro	Thermal	Total	Hydro	Thermal	Total	
thousand kwh.							
1950 .....	39,342,277	1,647,557	40,989,834	..	..	13,428,593	54,418,427
1951 .....	45,819,227	1,732,652	47,551,879	..	..	13,369,527	60,921,406
1952 .....	49,156,895	2,222,115	51,379,010	..	..	14,086,950	65,465,960
1953 .....	49,160,361	3,797,345	52,957,706	..	..	16,400,824	69,358,530
1954 .....	51,713,904	3,178,434	54,892,338	..	..	17,547,555	72,439,893
1955 .....	57,996,293	3,197,153	61,193,446	..	..	18,381,161	79,574,607
1956 .....	64,013,966	4,292,898	68,306,864	..	..	19,119,968	87,426,832
1957 .....	65,817,043	5,572,995	71,390,038	17,155,908	1,714,697	18,870,605	90,260,643
1958 .....	70,840,574	4,690,850	75,531,424	19,409,459	1,816,609	21,226,068	96,757,492
1959 .....	77,251,848	5,286,363	82,538,211	19,265,330	2,052,553	21,317,883	103,856,094
1960 .....	83,024,886	5,957,979	88,982,865	22,743,499	2,313,010	25,056,509	114,039,375
1961 .....	82,007,439	7,049,079	89,056,518	21,660,132	2,497,588	24,157,720	113,214,238
1961 January .....	7,127,301	683,105	7,810,406	1,968,635	209,890	2,178,525	9,988,931
February .....	6,345,114	556,601	7,001,715	1,811,204	204,737	2,015,941	9,017,656
March .....	6,983,874	614,876	7,598,750	2,046,435	222,138	2,268,573	9,867,323
April .....	6,824,671	493,689	7,318,360	1,907,477	193,257	2,100,734	9,419,094
May .....	7,108,261	495,902	7,604,163	1,880,146	205,111	2,085,257	9,689,420
June .....	6,600,943	420,047	7,020,990	1,674,698	210,390	1,885,088	8,906,068
July .....	6,475,900	465,447	6,941,347	1,502,076	199,291	1,701,367	8,642,714
August .....	6,526,017	551,419	7,077,436	1,539,842	215,260	1,755,102	8,832,538
September .....	6,590,943	612,425	7,203,368	1,577,823	212,009	1,789,832	8,993,200
October .....	7,002,607	642,248	7,644,855	1,879,501	212,570	2,092,071	9,736,926
November .....	7,054,967	681,577	7,736,544	1,894,278	215,405	2,109,683	9,846,227
December .....	7,370,796	731,672	8,102,468	1,978,392	197,826	2,176,218	10,278,686
1962 January .....	7,409,234	947,167	8,356,401	2,021,823	219,974	2,241,797	10,598,198
February .....	6,771,342	803,265	7,574,607	1,841,534	208,715	2,050,249	9,624,856
March .....							
April .....							
May .....							
June .....							
July .....							
August .....							
September .....							
October .....							
November .....							
December .....							

(.) Net Generation for year 1961 includes small revisions for the year which are not included in the monthly breakdown.  
 .. Figures not available.



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## ELECTRIC POWER STATISTICS

MARCH, 1962

Firms which generate a minimum of approximately 10 million kilowatt hours annually increased their total net generation by 4.4 per cent to 10,305,468 mwh. in March 1962, from 9,867,323 mwh. in the same month one year ago.

Industrial establishments decreased their generation by 2.8 per cent to 2,206,016 mwh. from 2,268,573 mwh. and utilities increased their generation by 6.6 per cent to 8,099,452 mwh. from 7,598,750 mwh.

Exports increased to 371,105 mwh. from 282,890 mwh. and imports increased to 227,620 mwh. from 83,619 mwh. in 1961.

The amount made available for primary uses increased by 5.6 per cent to 9,575,672 mwh. from 9,070,766 mwh. thereby decreasing the amount for use in electric boilers by 1.8 per cent to 586,311 mwh. from 597,286 mwh. in 1961.

Total net generation for the twelve month period ending March, 1962 amounted to 114,872,000.

Monthly electric power statistics are designed to provide current information on the production and consumption of electric energy in Canada. In order to expedite the collection and compilation of returns, the series is confined to firms which generate a minimum of 10 million kilowatt hours per annum. These firms, however, accounted for 99.3 per cent of total production in 1959.

In the electric power series, net generation is defined as total generation less the amount used in station service. The "amount made available for use in Canada" is the sum of net generation, plus imports, less exports. Some of the "amount made available" is sold as surplus or secondary power for use, for the most part, in electric boilers, which is the only form of secondary consumption that can be readily ascertained for all provinces. Energy used in electric boilers is deducted from the "amount made available" in order to provide a figure approximating primary consumption.

Prepared in the Public Utilities Section  
Public Finance and Transportation Division

606-506-32

TABLE 1. Electric Energy Statistics

March, 1962

No.		Canada	Newfoundland	Prince Edward Island	Nova Scotia
		thousand kwh.			
	<u>March, 1962</u>				
1	Net generation - Utilities: Hydro .....	7,331,464	102,271	-	57,609
2	Thermal .....	767,988	2,729	8,479	124,100
3	Totals .....	8,099,452	105,000	8,479	181,709
4	Industry: Hydro .....	1,981,530	33,912	-	3,367
5	Thermal .....	224,486	2,171	-	9,435
6	Totals .....	2,206,016	36,083	-	12,802
7	Total net generation .....	10,305,468	141,083	8,479	194,511
8	Energy imported: From other provinces .....	...	-	-	6
9	From United States .....	227,620	-	-	6
10	Totals .....	227,620	-	-	6
11	Energy exported: To other provinces .....	...	8,015	-	29,543
12	To United States - Primary .....	96,407	-	-	-
13	Secondary .....	274,698	-	-	-
14	Totals .....	371,105	8,015	-	29,543
15	Net energy available in Canada .....	10,161,983	133,068	8,479	164,974
16	Amount used in electric boilers .....	586,311	10,324	-	-
17	Net energy available, less amount used in boilers .....	9,575,672	122,744	8,479	164,974
	<u>March, 1961</u>				
18	Total net generation .....	9,867,323	119,738	7,013	175,843
19	Total energy imported .....	83,619	-	-	-
20	Total energy exported .....	282,890	6,380	-	22,237
21	Net energy available in Canada .....	9,668,052	113,358	7,013	153,606
22	Amount used in electric boilers .....	597,286	-	-	-
23	Net energy available, less amount used in boilers .....	9,070,766	113,358	7,013	153,606

TABLE 2. Electric Energy Statistics, Cumulative Totals

		thousand kwh.			
		Canada	Newfoundland	Prince Edward Island	Nova Scotia
	<u>January - March, 1962</u>				
24	Net generation - Utilities: Hydro .....	21,512,040	275,967	-	177,823
25	Thermal .....	2,518,420	16,937	25,805	350,342
26	Totals .....	24,030,460	292,904	25,805	528,165
27	Industry: Hydro .....	5,844,887	95,194	-	9,737
28	Thermal .....	656,325	11,582	-	26,109
29	Totals .....	6,501,212	106,776	-	35,846
30	Total net generation .....	30,531,672	399,680	25,805	564,011
31	Energy imported: From other provinces .....	...	-	-	34
32	From United States .....	681,919	-	-	-
33	Totals .....	681,919	-	-	34
34	Energy exported: To other provinces .....	...	24,515	-	78,770
35	To United States - Primary .....	275,772	-	-	-
36	Secondary .....	827,178	-	-	-
37	Totals .....	1,102,950	24,515	-	78,770
38	Net energy available in Canada .....	30,110,641	375,165	25,805	485,275
39	Amount used in electric boilers .....	1,681,940	21,943	-	-
40	Net energy available, less amount used in boilers .....	28,428,701	353,222	25,805	485,275
	<u>January - March, 1961</u>				
41	Total net generation .....	28,873,910	354,593	22,108	514,021
42	Total energy imported .....	280,832	-	-	9
43	Total energy exported .....	787,861	20,575	-	53,441
44	Net energy available in Canada .....	28,366,881	334,018	22,108	460,586
45	Amount used in electric boilers .....	1,622,888	1,555	-	-
46	Net energy available, less amount used in boilers .....	26,743,993	332,463	22,108	460,586

... Figures not appropriate or not applicable.

TABLE 1. Electric Energy Statistics

March, 1962

New Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Yukon and N.W.T.	No.
thousand kwh.								
43,466	3,293,214	2,739,235	327,616	56,745	106,541	591,311	13,456	1
49,321	141	116,512	20,183	175,581	235,357	33,586	1,999	2
92,787	3,293,355	2,855,747	347,799	232,326	341,898	624,897	15,455	3
2,597	1,208,633	136,322	4,630	4,930	-	583,790	3,349	4
50,801	22,083	57,457	-	2,670	24,878	54,991	-	5
53,398	1,230,716	193,779	4,630	7,600	24,878	638,781	3,349	6
146,185	4,524,071	3,049,526	352,429	239,926	366,776	1,263,678	18,804	7
31,306	9,847	595,740	88,765	931	1,296	-	-	8
1,848	57	224,270	-	-	-	1,445	-	9
33,154	9,904	820,010	88,765	931	1,296	1,445	-	10
6	597,468	29,872	966	60,725	-	1,296	-	11
12,369	29,668	54,246	1	-	-	123	-	12
2,255	6,303	264,767	-	-	-	1,373	-	13
14,630	633,439	348,885	967	60,725	-	2,792	-	14
164,709	3,900,536	3,520,651	440,227	180,132	368,072	1,262,331	18,804	15
-	481,283	61,613	-	-	-	27,624	5,467	16
164,709	3,419,253	3,459,038	440,227	180,132	368,072	1,234,707	13,337	17
128,600	4,455,505	2,868,834	331,587	212,566	316,816	1,234,292	16,529	18
25,149	7,981	645,343	70,164	319	2,142	1,452	-	19
12,115	602,385	247,154	322	57,610	148	3,470	-	20
141,634	3,861,101	3,267,023	401,429	155,275	318,810	1,232,274	16,529	21
-	515,028	47,371	3,363	-	-	26,993	4,531	22
141,634	3,346,073	3,219,652	398,066	155,275	318,810	1,205,281	11,998	23

TABLE 2. Electric Energy Statistics, Cumulative Totals

thousand kwh.								
148,736	9,715,746	7,937,118	987,658	165,770	326,359	1,737,099	39,764	24
131,110	396	581,644	89,873	539,232	695,352	81,529	6,200	25
279,846	9,716,142	8,518,762	1,077,531	705,002	1,021,711	1,818,628	45,964	26
9,738	3,547,281	398,925	13,858	14,052	-	1,746,303	9,799	27
143,744	69,251	173,656	-	6,514	78,838	146,631	-	28
153,482	3,616,532	572,581	13,858	20,566	78,838	1,892,934	9,799	29
433,328	13,332,674	9,091,343	1,091,389	725,568	1,100,549	3,711,562	55,763	30
84,450	30,155	1,735,647	262,031	2,775	5,091	-	-	31
5,365	190	672,105	-	-	-	4,259	-	32
89,815	30,345	2,407,752	262,031	2,775	5,091	4,259	-	33
34	1,741,292	93,765	2,810	173,906	-	5,091	-	34
35,220	84,812	155,369	8	-	-	363	-	35
7,673	18,892	796,537	-	-	-	4,076	-	36
42,927	1,844,996	1,045,671	2,818	173,906	-	9,530	-	37
480,216	11,518,023	10,453,424	1,350,602	554,437	1,105,640	3,706,291	55,763	38
14	1,368,429	183,918	785	-	-	91,153	15,698	39
480,202	10,149,594	10,269,506	1,349,817	554,437	1,105,640	3,615,138	40,065	40
395,501	12,910,605	8,462,133	1,000,161	642,806	951,431	3,573,297	47,254	41
62,390	25,948	1,902,079	236,776	1,118	4,566	5,142	-	42
34,814	1,746,554	708,412	1,128	168,686	749	10,698	-	43
423,077	11,189,999	9,655,800	1,235,809	475,238	955,248	3,567,741	47,254	44
-	1,352,521	144,152	31,678	-	-	79,727	13,255	45
423,077	9,837,478	9,511,648	1,204,131	475,238	955,248	3,488,014	33,999	46



TABLE 3. Electric Energy Made Available

March, 1962

Month	Total net generation	Imports from United States	Exports to United States	Total made available in Canada	Amount used in Electric Boilers	Total made available less amount used in electric boilers	Daily average, total net generation
thousand kwh.							
January .....	10,599,839 <sup>r</sup>	238,032	403,867 <sup>r</sup>	10,434,004 <sup>r</sup>	550,534	9,883,470 <sup>r</sup>	341,930 <sup>r</sup>
February .....	9,626,365 <sup>r</sup>	216,267	327,978	9,514,654 <sup>r</sup>	545,095	8,969,559 <sup>r</sup>	343,799 <sup>r</sup>
March .....	10,305,468	227,620	371,105	10,161,983	586,311	9,575,672	332,434
April .....							
May .....							
June .....							
July .....							
August .....							
September .....							
October .....							
November .....							
December .....							
Year .....							

<sup>r</sup> Revised figures.

TABLE 4. Net Generation, 1950-62

CANADA

Year and month	Utilities			Industry			Grand total
	Hydro	Thermal	Total	Hydro	Thermal	Total	
thousand kwh.							
1950 .....	39,342,277	1,647,557	40,989,834	..	..	13,428,593	54,418,427
1951 .....	45,819,227	1,732,652	47,551,879	..	..	13,369,527	60,921,406
1952 .....	49,156,895	2,222,115	51,379,010	..	..	14,086,950	65,465,960
1953 .....	49,160,361	3,797,345	52,957,706	..	..	16,400,824	69,358,530
1954 .....	51,713,904	3,178,434	54,892,338	..	..	17,547,555	72,439,893
1955 .....	57,996,293	3,197,153	61,193,446	..	..	18,381,161	79,574,607
1956 .....	64,013,366	4,292,898	68,306,864	..	..	19,119,968	87,426,832
1957 .....	60,817,043	5,572,995	71,390,038	17,155,908	1,714,697	18,870,605	90,260,643
1958 .....	70,840,574	4,690,850	75,531,424	19,409,459	1,816,609	21,226,068	96,757,492
1959 .....	77,251,848	5,286,363	82,538,211	19,265,330	2,052,553	21,317,883	103,856,094
1960 .....	83,024,886	5,957,979	88,982,865	22,743,499	2,313,010	25,056,509	114,039,375
1961 .....	82,007,439	7,049,079	89,056,518	21,660,132	2,497,588	24,157,720	113,214,238(1)
1961 January .....	7,127,301	683,105	7,810,406	1,968,635	209,890	2,178,525	9,988,931
February .....	6,345,114	556,601	7,001,715	1,811,204	204,737	2,015,941	9,017,656
March .....	6,983,874	614,876	7,598,750	2,046,435	222,138	2,268,573	9,867,323
April .....	6,824,671	493,689	7,318,360	1,907,477	193,257	2,100,734	9,419,094
May .....	7,108,261	495,902	7,604,163	1,880,146	205,111	2,085,257	9,689,420
June .....	6,600,943	420,047	7,020,990	1,674,698	210,390	1,885,088	8,906,068
July .....	6,475,900	465,447	6,941,347	1,502,076	199,291	1,701,367	8,642,714
August .....	6,526,017	551,419	7,077,436	1,539,842	215,260	1,755,102	8,832,538
September .....	6,590,943	612,425	7,203,368	1,577,823	212,009	1,789,832	8,993,200
October .....	7,002,607	642,248	7,644,855	1,879,501	212,570	2,092,071	9,736,926
November .....	7,054,967	681,577	7,736,544	1,894,278	215,405	2,109,683	9,846,227
December .....	7,370,796	731,672	8,102,468	1,978,392	197,826	2,176,218	10,278,686
1962 January .....	7,409,234	947,167	8,356,401	2,021,823	221,615 <sup>r</sup>	2,243,438 <sup>r</sup>	10,599,839 <sup>r</sup>
February .....	6,771,342	803,265	7,574,607	1,841,534	210,224 <sup>r</sup>	2,051,758 <sup>r</sup>	9,626,365 <sup>r</sup>
March .....	7,331,464	767,988	8,099,452	1,981,530	224,486	2,206,016	10,305,468
April .....							
May .....							
June .....							
July .....							
August .....							
September .....							
October .....							
November .....							
December .....							

(1) Net Generation for year 1961 includes small revisions for the year which are not included in the monthly breakdown.

<sup>r</sup> Revised figures.

.. Figures not available.

CATALOGUE No.

57-001

MONTHLY

Canada. Statistics, Bureau of  
**DOMINION BUREAU OF STATISTICS**

OTTAWA - CANADA

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Vol. 30, No. 4

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ELECTRIC POWER STATISTICS

APRIL, 1962

Total net generation by firms which generate a minimum of approximately 10 million kilowatt hours per annum increased by 2.8 per cent to 9,678,217 mwh. in April 1962, from 9,419,094 mwh. one year ago.

Industrial establishments decreased their generation by 2.3 per cent to 2,052,967 mwh. from 2,100,734 mwh. and utilities increased their generation by 4.2 per cent to 7,625,250 mwh. from 7,318,360 mwh. Ontario was the only province to show a decline in generation.

Exports decreased to 399,405 mwh. from 423,436 mwh. and imports increased to 193,686 mwh. from 91,759 mwh. in 1961.

The amount made available for primary uses increased by 4.7 per cent to 8,920,961 mwh. from 8,522,336 mwh. while the amount for use in electric boilers decreased by 2.4 per cent to 551,537 mwh. from 565,081 mwh. in 1961.

Total net generation for the twelve month period ending April 30, 1962, amounted to 115,127,645 mwh.

Monthly electric power statistics are designed to provide current information on the production and consumption of electric energy in Canada. In order to expedite the collection and compilation of returns, the series is confined to firms which generate a minimum of 10 million kilowatt hours per annum. These firms, however, accounted for 99.3 per cent of total production in 1959.

In the electric power series, net generation is defined as total generation less the amount used in station service. The "amount made available for use in Canada" is the sum of net generation, plus imports, less exports. Some of the "amount made available" is sold as surplus or secondary power for use, for the most part, in electric boilers, which is the only form of secondary consumption that can be readily ascertained for all provinces. Energy used in electric boilers is deducted from the "amount made available" in order to provide a figure approximating primary consumption.

Prepared in the Public Utilities Section  
Public Finance and Transportation Division

506-506-42

TABLE 1. Electric Energy Statistics

April, 1962

No.		thousand kwh.			
		Canada	Newfoundland	Prince Edward Island	Nova Scotia
	<u>April, 1962</u>				
1	Net generation - Utilities: Hydro .....	7,082,429	89,659	-	63,942
2	Thermal .....	542,821	2,151	7,612	71,105
3	Totals .....	7,625,250	91,810	7,612	135,047
4	Industry: Hydro .....	1,852,998	26,753	-	3,275
5	Thermal .....	199,969	2,595	-	11,555
6	Totals .....	2,052,967	29,348	-	14,830
7	Total net generation .....	9,678,217	121,158	7,612	149,877
8	Energy imported: From other provinces .....	...	-	-	4,481
9	From United States .....	193,686	-	-	-
10	Totals .....	193,686	-	-	4,481
11	Energy exported: To other provinces .....	...	4,888	-	1,707
12	To United States - Primary .....	67,000	-	-	-
13	Secondary .....	332,405	-	-	-
14	Totals .....	399,405	4,888	-	1,707
15	Net energy available in Canada .....	9,472,498	116,270	7,612	152,651
16	Amount used in electric boilers .....	551,537	2,270	-	-
17	Net energy available, less amount used in boilers .....	8,920,961	114,000	7,612	152,651
	<u>April, 1961</u>				
18	Total net generation .....	9,419,094	110,928	6,599	145,379
19	Total energy imported .....	91,759	-	-	2,130
20	Total energy exported .....	423,436	4,414	-	3,128
21	Net energy available in Canada .....	9,087,417	106,514	6,599	144,381
22	Amount used in electric boilers .....	565,081	-	-	-
23	Net energy available, less amount used in boilers .....	8,522,336	106,514	6,599	144,381

TABLE 2. Electric Energy Statistics, Cumulative Totals

		thousand kwh.			
		Canada	Newfoundland	Prince Edward Island	Nova Scotia
	<u>January - April, 1962</u>				
24	Net generation - Utilities: Hydro .....	28,590,991	365,626	-	241,765
25	Thermal .....	3,061,241	19,088	33,417	421,447
26	Totals .....	31,652,232	384,714	33,417	663,212
27	Industry: Hydro .....	7,697,885	121,947	-	13,012
28	Thermal .....	856,294	14,177	-	37,664
29	Totals .....	8,554,179	136,124	-	50,676
30	Total net generation .....	40,206,411	520,838	33,417	713,888
31	Energy imported: From other provinces .....	...	-	-	4,515
32	From United States .....	875,605	-	-	-
33	Totals .....	875,605	-	-	4,515
34	Energy exported: To other provinces .....	...	29,403	-	80,477
35	To United States - Primary .....	261,593	-	-	-
36	Secondary .....	1,240,762	-	-	-
37	Totals .....	1,502,355	29,403	-	80,477
38	Net energy available in Canada .....	39,579,661	491,435	33,417	637,926
39	Amount used in electric boilers .....	2,233,477	24,213	-	-
40	Net energy available, less amount used in boilers .....	37,346,184	467,222	33,417	637,926
	<u>January - April, 1961</u>				
41	Total net generation .....	38,293,004	465,521	28,707	659,400
42	Total energy imported .....	372,591	-	-	2,139
43	Total energy exported .....	1,211,297	24,989	-	56,569
44	Net energy available in Canada .....	37,454,298	440,532	28,707	604,970
45	Amount used in electric boilers .....	2,187,959	1,555	-	-
46	Net energy available, less amount used in boilers .....	35,266,329	438,977	28,707	604,970

... Figures not appropriate or not applicable.



TABLE 1. Electric Energy Statistics

April, 1962

New Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Yukon and N.W.T.	No.
thousand kwh.								
107,481	3,181,845	2,620,041	338,422	53,378	69,164	547,400	11,097	1
21,463	99	63,896	2,578	140,568	213,154	18,391	1,804	2
128,944	3,181,944	2,683,937	341,000	193,946	282,318	565,791	12,901	3
7,735	1,092,295	128,760	4,805	4,630	-	581,702	3,043	4
38,494	20,960	50,546	-	2,292	25,779	47,748	-	5
46,229	1,113,255	179,306	4,805	6,922	25,779	629,450	3,043	6
175,173	4,295,199	2,863,243	345,805	200,868	308,097	1,195,241	15,944	7
3,449	6,436	589,221	65,221	2,577	3,753	-	-	8
1,085	53	191,126	-	-	-	1,422	-	9
4,534	6,489	780,347	65,221	2,577	3,753	1,422	-	10
4,481	590,690	11,167	2,850	55,602	-	3,753	-	11
14,203	1,102	51,568	1	-	-	126	-	12
9,287	24,966	296,771	-	-	-	1,381	-	13
27,971	616,758	359,506	2,851	55,602	-	5,260	-	14
151,736	3,684,930	3,284,084	408,175	147,843	311,850	1,191,403	15,944	15
269	454,717	62,621	8,037	-	-	19,385	4,238	16
151,467	3,230,213	3,221,463	400,138	147,843	311,850	1,172,018	11,706	17
155,748	4,163,220	2,903,176	305,776	196,114	285,554	1,131,597	15,003	18
5,731	6,100	578,364	69,203	603	3,461	1,523	-	19
22,191	523,649	384,298	810	55,309	99	4,894	-	20
139,288	3,645,671	3,097,242	374,169	141,408	288,916	1,128,226	15,003	21
-	498,112	41,370	1,604	-	-	20,130	3,865	22
139,288	3,147,559	3,055,872	372,565	141,408	288,916	1,108,096	11,138	23

TABLE 2. Electric Energy Statistics, Cumulative Totals

thousand kwh.								
256,217	12,894,113	10,557,159	1,326,080	219,148	395,523	2,284,499	50,861	24
152,573	495	645,540	92,451	679,800	908,506	99,920	8,004	25
408,790	12,894,608	11,202,699	1,418,531	898,948	1,304,029	2,384,419	58,865	26
17,473	4,639,576	527,685	18,663	18,682	-	2,328,005	12,842	27
182,238	90,211	224,202	-	8,806	104,617	194,379	-	28
199,711	4,729,787	751,887	18,663	27,488	104,617	2,522,384	12,842	29
608,501	17,624,395	11,954,586	1,437,194	926,436	1,408,646	4,906,803	71,707	30
87,899	36,591	2,324,868	327,252	5,352	8,844	-	-	31
6,450	243	863,231	-	-	-	5,681	-	32
94,349	36,834	3,188,099	327,252	5,352	8,844	5,681	-	33
4,515	2,331,982	104,932	5,660	229,508	-	8,844	-	34
49,423	4,735	206,937	9	-	-	489	-	35
16,960	125,037	1,093,308	-	-	-	5,457	-	36
70,898	2,461,754	1,405,177	5,669	229,508	-	14,790	-	37
631,952	15,199,475	13,737,508	1,758,777	702,280	1,417,490	4,897,694	71,707	38
283	1,823,146	246,539	8,822	-	-	110,538	19,936	39
631,669	13,376,329	13,490,969	1,749,955	702,280	1,417,490	4,787,156	51,771	40
551,249	17,073,825	11,365,309	1,305,937	838,920	1,236,985	4,704,894	62,257	41
68,121	32,048	2,480,443	305,979	1,721	8,027	6,665	-	42
57,005	2,270,203	1,092,710	1,938	223,995	848	15,592	-	43
562,365	14,835,670	12,753,042	1,609,978	616,646	1,244,164	4,695,967	62,257	44
-	1,850,633	185,522	33,282	-	-	99,857	17,120	45
562,365	12,985,037	12,567,520	1,576,696	616,646	1,244,164	4,596,110	45,137	46

TABLE 3. Electric Energy Made Available

January - April, 1962

Month	Total net generation	Imports from United States	Exports to United States	Total made available in Canada	Amount used in Electric Boilers	Total made available less amount used in electric boilers	Daily average, total net generation
thousand kwh.							
January .....	10,598,510 <sup>r</sup>	238,032	403,867	10,432,675 <sup>r</sup>	550,534	9,882,141 <sup>r</sup>	341,887 <sup>r</sup>
February .....	9,624,850 <sup>r</sup>	216,267	327,978	9,513,139 <sup>r</sup>	545,095	8,968,044 <sup>r</sup>	343,744 <sup>r</sup>
March .....	10,304,834 <sup>r</sup>	227,620	371,105	10,161,349 <sup>r</sup>	586,311	9,575,038 <sup>r</sup>	332,414 <sup>r</sup>
April .....	9,678,217	193,686	399,405	9,472,498	551,537	8,920,961	322,607
May .....							
June .....							
July .....							
August .....							
September .....							
October .....							
November .....							
December .....							
Year .....							

TABLE 4. Net Generation, 1950-62

CANADA

Year and month	Utilities			Industry			Grand total
	Hydro	Thermal	Total	Hydro	Thermal	Total	
thousand kwh.							
1950 .....	39,342,277	1,647,557	40,989,834	..	..	13,428,593	54,418,427
1951 .....	45,819,227	1,732,652	47,551,879	..	..	13,369,527	60,921,406
1952 .....	49,156,895	2,222,115	51,379,010	..	..	14,086,950	65,465,960
1953 .....	49,160,361	3,797,345	52,957,706	..	..	16,400,824	69,358,530
1954 .....	51,713,904	3,178,434	54,892,338	..	..	17,547,555	72,439,893
1955 .....	57,996,293	3,197,153	61,193,446	..	..	18,381,161	79,574,607
1956 .....	64,013,966	4,292,898	68,306,864	..	..	19,119,968	87,426,832
1957 .....	65,817,043	5,572,995	71,390,038	17,155,908	1,714,697	18,870,605	90,260,643
1958 .....	70,840,574	4,690,850	75,531,424	19,409,459	1,816,609	21,226,068	96,757,492
1959 .....	77,251,848	5,286,363	82,538,211	19,265,330	2,052,553	21,317,883	103,856,094
1960 .....	83,024,886	5,957,979	88,982,865	22,743,499	2,313,010	25,056,509	114,039,375
1961 .....	82,007,439	7,049,079	89,056,518	21,660,132	2,497,588	24,157,720	113,214,238(1)
1961 January .....	7,127,301	683,105	7,810,406	1,968,635	209,890	2,178,525	9,988,931
February .....	6,345,114	556,601	7,001,715	1,811,204	204,737	2,015,941	9,017,656
March .....	6,983,874	614,876	7,598,750	2,046,435	222,138	2,268,573	9,867,323
April .....	6,824,671	493,689	7,318,360	1,907,477	193,257	2,100,734	9,419,094
May .....	7,108,261	495,902	7,604,163	1,880,146	205,111	2,085,257	9,689,420
June .....	6,600,943	420,047	7,020,990	1,674,698	210,390	1,885,088	8,906,068
July .....	6,475,900	465,447	6,941,347	1,502,076	199,291	1,701,367	8,642,714
August .....	6,526,017	551,419	7,077,436	1,539,842	215,260	1,755,102	8,832,538
September .....	6,590,943	612,425	7,203,368	1,577,823	212,009	1,789,832	8,993,200
October .....	7,002,607	642,248	7,644,855	1,879,501	212,570	2,092,071	9,736,926
November .....	7,054,967	681,577	7,736,544	1,894,278	215,405	2,109,683	9,846,227
December .....	7,370,796	731,672	8,102,468	1,978,392	197,826	2,176,218	10,278,686
1962 January .....	7,407,905 <sup>r</sup>	947,167	8,355,072 <sup>r</sup>	2,021,823	221,615	2,243,438	10,598,510 <sup>r</sup>
February .....	6,769,827 <sup>r</sup>	803,265	7,573,092 <sup>r</sup>	1,841,534	210,224	2,051,758	9,624,850 <sup>r</sup>
March .....	7,330,830 <sup>r</sup>	767,988	8,098,818 <sup>r</sup>	1,981,530	224,486	2,206,016	10,304,834 <sup>r</sup>
April .....	7,082,429	542,821	7,625,250	1,852,998	199,969	2,052,967	9,678,217
May .....							
June .....							
July .....							
August .....							
September .....							
October .....							
November .....							
December .....							

(1) Net Generation for year 1961 includes small revisions for the year which are not included in the monthly breakdown.

.. Figures not available.

<sup>r</sup> Revised figures.

CATALOGUE No.

57-001

MONTHLY

Canada. Statistics, Bureau of

<sup>14</sup>  
(DOMINION BUREAU OF STATISTICS)

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ELECTRIC POWER STATISTICS

MAY, 1962

Total net generation by firms which generate a minimum of approximately 10 million kilowatt hours per annum increased by 3.2 per cent to 9,998,893 mwh. in May 1962, from 9,689,420 mwh. one year ago.

Industrial establishments decreased their generation by 4.7 per cent to 1,987,657 mwh. from 2,085,257 mwh. and utilities increased their generation by 5.4 per cent to 8,011,236 mwh. from 7,604,163 mwh.

Exports decreased to 441,381 mwh. from 460,107 mwh. and imports increased to 169,159 mwh. from 67,599 mwh. in 1961.

The amount made available for primary uses increased by 5.5 per cent to 9,153,999 mwh. from 8,673,252 mwh. while the amount used in electric boilers decreased by 0.1 per cent to 573,372 mwh. from 623,660 mwh. in 1961.

Total net generation for the twelve month period ending May 31, 1962, amounted to 115,422,026 mwh.

Monthly electric power statistics are designed to provide current information on the production and consumption of electric energy in Canada. In order to expedite the collection and compilation of returns, the series is confined to firms which generate a minimum of 10 million kilowatt hours per annum. These firms, however, accounted for 99.3 per cent of total production in 1959.

In the electric power series, net generation is defined as total generation less the amount used in station service. The "net energy available in Canada" is the sum of net generation, plus imports, less exports. Some of the "amount made available" is sold as surplus or secondary power for use, for the most part, in electric boilers, which is the only form of secondary consumption that can be readily ascertained for all provinces. Energy used in electric boilers is deducted from the "available" in order to provide a figure approximating primary consumption.

Prepared in the Public Utilities Section  
Public Finance and Transportation Division

8 06-506-52



TABLE 1. Electric Energy Statistics

May, 1962

No.		thousand kwh.			
		Canada	Newfoundland	Prince Edward Island	Nova Scotia
	<u>May, 1962</u>				
1	Net generation - Utilities: Hydro .....	7,473,388	104,151	-	44,479
2	Thermal .....	537,848	3,047	7,409	76,704
3	Totals .....	8,011,236	107,198	7,409	121,183
4	Industry: Hydro .....	1,776,333	30,682	-	2,907
5	Thermal .....	211,324	3,711	-	12,772
6	Totals .....	1,987,657	34,393	-	15,679
7	Total net generation .....	9,998,893	141,591	7,409	136,862
8	Energy imported: From other provinces .....	...	-	-	23,683
9	From United States .....	169,159	-	-	-
10	Totals .....	169,159	-	-	23,683
11	Energy exported: To other provinces .....	...	5,664	-	876
12	To United States - Primary .....	70,931	-	-	-
13	Secondary .....	370,450	-	-	-
14	Totals .....	441,381	5,664	-	876
15	Net energy available in Canada .....	9,726,671	135,927	7,409	159,669
16	Amount used in electric boilers .....	573,372	14,066	-	-
17	Net energy available, less amount used in boilers .....	9,153,299	121,861	7,409	159,669
	<u>May, 1961</u>				
18	Total net generation .....	9,689,420	121,347	6,764	146,448
19	Total energy imported .....	67,599	-	-	2,229
20	Total energy exported .....	460,107	7,464	-	3,310
21	Net energy available in Canada .....	9,296,912	113,883	6,764	145,367
22	Amount used in electric boilers .....	623,660	-	-	-
23	Net energy available, less amount used in boilers .....	8,673,252	113,883	6,764	145,367

TABLE 2. Electric Energy Statistics, Cumulative Totals

		thousand kwh.			
		Canada	Newfoundland	Prince Edward Island	Nova Scotia
	<u>January - May, 1962</u>				
24	Net generation - Utilities: Hydro .....	36,064,379	469,777	-	286,244
25	Thermal .....	3,599,089	22,135	40,826	498,151
26	Totals .....	39,663,468	491,912	40,826	784,395
27	Industry: Hydro .....	9,459,286	152,629	-	15,919
28	Thermal .....	1,067,458	17,888	-	50,436
29	Totals .....	10,526,744	170,517	-	66,355
30	Total net generation .....	50,190,212	662,429	40,826	850,750
31	Energy imported: From other provinces .....	...	-	-	28,198
32	From United States .....	1,044,764	-	-	-
33	Totals .....	1,044,764	-	-	28,198
34	Energy exported: To other provinces .....	...	35,067	-	81,353
35	To United States - Primary .....	332,524	-	-	-
36	Secondary .....	1,611,212	-	-	-
37	Totals .....	1,943,736	35,067	-	81,353
38	Net energy available in Canada .....	49,291,240	627,362	40,826	797,595
39	Amount used in electric boilers .....	2,806,849	38,279	-	-
40	Net energy available, less amount used in boilers .....	46,484,391	589,083	40,826	797,595
	<u>January - May, 1961</u>				
41	Total net generation .....	47,982,424	586,868	35,471	805,848
42	Total energy imported .....	440,190	-	-	4,368
43	Total energy exported .....	1,671,404	32,453	-	59,879
44	Net energy available in Canada .....	46,751,210	554,415	35,471	750,337
45	Amount used in electric boilers .....	2,811,629	1,555	-	-
46	Net energy available, less amount used in boilers .....	43,939,581	552,860	35,471	750,337

... Figures not appropriate or not applicable.

TABLE 1. Electric Energy Statistics

May, 1962

New Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Yukon and N.W.T.	No.
thousand kwh.								
132,426	3,362,801	2,785,887	362,640	53,620	59,020	557,474	10,890	1
25,692	598	13,127	3,599	146,049	240,902	18,894	1,827	2
158,118	3,363,399	2,799,014	366,239	199,669	299,922	576,368	12,717	3
8,879	1,017,929	123,855	5,375	4,787	-	578,442	3,477	4
38,953	24,406	55,237	-	2,461	27,555	46,229	-	5
47,832	1,042,335	179,092	5,375	7,248	27,555	624,671	3,477	6
205,950	4,405,734	2,978,106	371,614	206,917	327,477	1,201,039	16,194	7
2,564	7,360	580,241	62,118	6,267	4,098	-	-	8
1,111	54	166,739	-	-	-	1,255	-	9
3,675	7,414	746,980	62,118	6,267	4,098	1,255	-	10
23,683	581,442	7,878	6,754	55,936	-	4,098	-	11
15,208	1,101	54,493	1	-	-	128	-	12
9,435	26,221	333,588	-	-	-	1,206	-	13
48,326	608,764	395,959	6,755	55,936	-	5,432	-	14
161,299	3,804,384	3,329,127	426,977	157,248	331,575	1,196,862	16,194	15
181	474,509	46,113	17,565	-	-	17,131	3,807	16
161,118	3,329,875	3,283,014	409,412	157,248	331,575	1,179,731	12,387	17
161,083	4,044,920	3,202,351	342,893	196,348	293,344	1,158,261	15,661	18
5,890	9,131	376,589	54,133	300	3,395	1,445	-	19
22,029	342,502	412,503	304	52,643	41	4,824	-	20
144,944	3,711,549	3,166,437	396,722	144,005	296,698	1,154,882	15,661	21
209	524,490	62,255	19,270	-	-	13,761	3,675	22
144,735	3,187,059	3,104,182	377,452	144,005	296,698	1,141,121	11,986	23

TABLE 2. Electric Energy Statistics, Cumulative Totals

thousand kwh.								
388,643	16,256,914	13,343,046	1,688,720	272,768	454,543	2,841,973	61,751	24
178,265	1,093	658,667	96,050	825,849	1,149,408	118,814	9,831	25
566,908	16,258,007	14,001,713	1,784,770	1,098,617	1,603,951	2,960,787	71,582	26
26,352	5,657,505	651,540	24,038	23,469	-	2,891,515	16,319	27
221,191	114,617	279,439	-	11,267	132,172	240,448	-	28
247,543	5,772,122	930,979	24,038	34,736	132,172	3,131,963	16,319	29
814,451	22,030,129	14,932,692	1,808,808	1,133,353	1,736,123	6,092,750	87,901	30
90,463	43,951	2,904,526	389,370	11,619	12,942	-	-	31
7,561	297	1,029,970	-	-	-	6,936	-	32
98,024	44,248	3,934,496	389,370	11,619	12,942	6,936	-	33
28,198	2,912,841	112,810	12,414	285,444	-	12,942	-	34
64,631	5,836	261,430	10	-	-	617	-	35
26,395	151,258	1,426,896	-	-	-	6,663	-	36
119,224	3,069,935	1,801,136	12,424	285,444	-	20,222	-	37
793,251	19,004,442	17,066,052	2,185,754	859,528	1,749,065	6,079,464	87,901	38
464	2,297,655	292,652	26,387	-	-	127,669	23,743	39
792,787	16,706,787	16,773,400	2,159,367	859,528	1,749,065	5,951,795	64,158	40
712,332	21,118,745	14,567,660	1,648,830	1,035,268	1,530,329	5,863,155	77,918	41
74,011	41,179	2,857,032	360,112	2,021	11,422	8,110	-	42
79,034	2,612,705	1,505,213	2,242	276,638	889	20,416	-	43
707,309	18,547,219	15,919,479	2,006,700	760,651	1,540,862	5,850,849	77,918	44
209	2,375,123	247,777	52,552	-	-	113,618	20,795	45
707,100	16,172,096	15,671,702	1,954,148	760,651	1,540,862	5,737,231	57,123	46

TABLE 3. Electric Energy Made Available

January - May, 1962

Month	Total net generation	Imports from United States	Exports to United States	Total made available in Canada	Amount used in Electric Boilers	Total made available less amount used in electric boilers	Daily average, total net generation
thousand kwh.							
January .....	10,593,403 <sup>r</sup>	238,032	403,867	10,427,568 <sup>r</sup>	550,534	9,877,034 <sup>r</sup>	341,723 <sup>r</sup>
February .....	9,620,306 <sup>r</sup>	216,267	327,978	9,509,595 <sup>r</sup>	545,095	8,964,500 <sup>r</sup>	343,582 <sup>r</sup>
March .....	10,299,393 <sup>r</sup>	227,620	371,105	10,155,908 <sup>r</sup>	586,311	9,569,597 <sup>r</sup>	332,239 <sup>r</sup>
April .....	9,678,217	193,686	399,405	9,472,498	551,537	8,920,961	322,607
May .....	9,998,893	169,159	441,381	9,726,671	573,372	9,153,299	322,545
June .....							
July .....							
August .....							
September .....							
October .....							
November .....							
December .....							
Year .....							

<sup>r</sup> Revised figures.

TABLE 4. Net Generation, 1950-62

CANADA

Year and month	Utilities			Industry			Grand total
	Hydro	Thermal	Total	Hydro	Thermal	Total	
thousand kwh.							
1950 .....	39,342,277	1,647,557	40,989,834	..	..	13,428,593	54,418,427
1951 .....	45,819,227	1,732,652	47,551,879	..	..	13,369,527	60,921,406
1952 .....	49,156,895	2,222,115	51,379,010	..	..	14,086,950	65,465,960
1953 .....	49,160,361	3,797,345	52,957,706	..	..	16,400,824	69,358,530
1954 .....	51,713,904	3,178,434	54,892,338	..	..	17,547,555	72,439,893
1955 .....	57,996,293	3,197,153	61,193,446	..	..	18,381,161	79,574,607
1956 .....	64,013,566	4,292,898	68,306,464	..	..	19,119,968	87,426,832
1957 .....	65,817,043	5,572,995	71,390,038	17,155,908	1,714,697	18,870,605	90,260,643
1958 .....	70,840,574	4,690,850	75,531,424	19,409,459	1,816,609	21,226,068	96,757,492
1959 .....	77,251,848	5,286,363	82,538,211	19,265,330	2,052,553	21,317,883	103,856,094
1960 .....	83,024,886	5,957,979	88,982,865	22,743,499	2,313,010	25,056,509	114,039,375
1961 .....	82,007,439	7,049,079	89,056,518	21,660,132	2,497,588	24,157,720	113,214,238
1961 January .....	7,127,301	683,105	7,810,406	1,968,635	209,890	2,178,525	9,988,931
February .....	6,345,114	556,601	7,001,715	1,811,204	204,737	2,015,941	9,017,656
March .....	6,983,874	614,876	7,598,750	2,046,435	222,138	2,268,573	9,867,323
April .....	6,824,671	493,689	7,318,360	1,907,477	193,257	2,100,734	9,419,094
May .....	7,108,261	495,902	7,604,163	1,880,146	205,111	2,085,257	9,689,420
June .....	6,600,943	420,047	7,020,990	1,674,698	210,390	1,885,088	8,906,068
July .....	6,475,900	465,447	6,941,347	1,502,076	199,291	1,701,367	8,642,714
August .....	6,526,017	551,419	7,077,436	1,539,842	215,260	1,755,102	8,832,538
September .....	6,590,943	612,425	7,203,368	1,577,823	212,009	1,789,832	8,993,200
October .....	7,002,607	642,248	7,644,855	1,879,501	212,570	2,092,071	9,736,926
November .....	7,054,967	681,577	7,736,544	1,894,278	215,405	2,109,683	9,846,227
December .....	7,370,796	731,672	8,102,468	1,978,392	197,826	2,176,218	10,278,686
1962 January .....	7,407,905	947,167	8,355,072	2,016,768 <sup>r</sup>	221,563 <sup>r</sup>	2,238,331 <sup>r</sup>	10,593,403 <sup>r</sup>
February .....	6,769,827	803,265	7,573,092	1,837,030 <sup>r</sup>	210,184 <sup>r</sup>	2,047,214 <sup>r</sup>	9,620,306 <sup>r</sup>
March .....	7,330,830	767,988	8,098,818	1,976,157 <sup>r</sup>	224,418 <sup>r</sup>	2,200,575 <sup>r</sup>	10,299,393 <sup>r</sup>
April .....	7,082,429	542,821	7,625,250	1,852,998	199,169	2,052,967	9,678,217
May .....	7,473,388	537,848	8,011,236	1,776,333	211,324	1,987,657	9,998,893
June .....							
July .....							
August .....							
September .....							
October .....							
November .....							
December .....							

(1) Net Generation for year 1961 includes small revisions for the year which are not included in the monthly breakdown.

.. Figures not available.

<sup>r</sup> Revised figures.



CATALOGUE No.

57-001

MONTHLY

Canada. Statistics, Bureau of  
**DOMINION BUREAU OF STATISTICS**

OTTAWA - CANADA

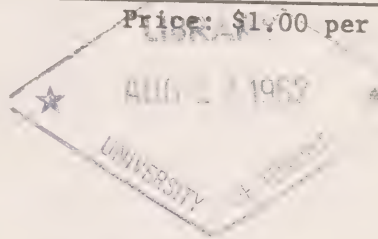
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ELECTRIC POWER STATISTICS

JUNE, 1962



Total net generation by firms which generate a minimum of approximately 10 million kilowatt hours per annum increased by 4.6 per cent to 9,317,201 mwh. in June 1962, from 8,906,078 mwh. one year ago. A large increase in generation occurred in Quebec while Ontario had a substantial decrease.

Industrial establishments increased their generation 3.7 per cent to 1,955,242 mwh. from 1,885,088 mwh. and utilities increased their generation 4.4 per cent to 7,361,959 mwh. from 7,020,990 mwh.

Exports increased to 381,023 mwh. from 375,686 mwh. and imports, to 220,816 mwh. from 55,638 mwh. in 1961.

The amount made available for primary uses increased by 5.5 per cent to 8,685,757 mwh. from 8,228,111 mwh. while the amount used in electric boilers increased by 31.7 per cent to 471,237 mwh. from 357,919 mwh. in 1961.

Total net generation for the twelve month period ending June 30, 1962 amounted to 115,833,149.

Monthly electric power statistics are designed to provide current information on the production and consumption of electric energy in Canada. In order to expedite the collection and compilation of returns, the series is confined to firms which generate a minimum of 10 million kilowatt hours per annum. These firms, however, accounted for 99.3 per cent of total production in 1959.

In the electric power series, net generation is defined as total generation less the amount used in station service. The "net energy available in Canada" is the sum of net generation, plus imports, less exports. Some of the "amount made available" is sold as surplus or secondary power for use, for the most part, in electric boilers, which is the only form of secondary consumption that can be readily ascertained for all provinces. Energy used in electric boilers is deducted from the "available" in order to provide a figure approximating primary consumption.

Prepared in the Public Utilities Section  
Public Finance and Transportation Division

506-506-62

TABLE 1. Electric Energy Statistics

June, 1962

No.		Canada	Newfoundland	Prince Edward Island	Nova Scotia
		thousand kwh.			
	<u>June, 1962</u>				
1	Net generation - Utilities: Hydro .....	6,772,433	88,136	-	42,512
2	Thermal .....	589,526	13,566	7,106	78,232
3	Totals .....	7,361,959	101,702	7,106	120,744
4	Industry: Hydro .....	1,742,280	33,082	-	2,912
5	Thermal .....	212,962	3,600	-	11,936
6	Totals .....	1,955,242	36,682	-	14,848
7	Total net generation .....	9,317,201	138,384	7,106	135,592
8	Energy imported: From other provinces .....	...	-	-	13,567
9	From United States .....	220,816	-	-	-
10	Totals .....	220,816	-	-	13,567
11	Energy exported: To other provinces .....	...	7,708	-	599
12	To United States - Primary .....	69,323	-	-	-
13	Secondary .....	311,700	-	-	-
14	Totals .....	381,023	7,708	-	599
15	Net energy available in Canada .....	9,156,994	130,676	7,106	148,560
16	Amount used in electric boilers .....	471,237	13,168	-	-
17	Net energy available, less amount used in boilers .....	8,685,757	117,508	7,106	148,560
	<u>June, 1961</u>				
18	Total net generation .....	8,906,078 <sup>r</sup>	118,983 <sup>r</sup>	6,371	136,289
19	Total energy imported .....	55,638	-	-	3,591
20	Total energy exported .....	375,686	6,706	-	1,805
21	Net energy available in Canada .....	8,586,030 <sup>r</sup>	112,277 <sup>r</sup>	6,371	138,075
22	Amount used in electric boilers .....	357,919 <sup>r</sup>	602	-	-
23	Net energy available, less amount used in boilers .....	8,228,111 <sup>r</sup>	111,675 <sup>r</sup>	6,371	138,075

<sup>r</sup> Revised figures.

TABLE 2. Electric Energy Statistics, Cumulative Totals

		thousand kwh.			
		<u>January - June, 1962</u>			
24	Net generation - Utilities: Hydro .....	42,836,812	557,913	-	328,756
25	Thermal .....	4,188,615	35,701	47,932	576,383
26	Totals .....	47,025,427	593,614	47,932	905,139
27	Industry: Hydro .....	11,201,566	185,711	-	18,831
28	Thermal .....	1,280,420	21,488	-	62,372
29	Totals .....	12,481,986	207,199	-	81,203
30	Total net generation .....	59,507,413	800,813	47,932	986,342
31	Energy imported: From other provinces .....	...	-	-	41,765
32	From United States .....	1,265,580	-	-	-
33	Totals .....	1,265,580	-	-	41,765
34	Energy exported: To other provinces .....	...	42,775	-	81,952
35	To United States - Primary .....	401,847	-	-	-
36	Secondary .....	1,922,912	-	-	-
37	Totals .....	2,324,759	42,775	-	81,952
38	Net energy available in Canada .....	58,448,234	758,038	47,932	946,155
39	Amount used in electric boilers .....	3,278,086	51,447	-	-
40	Net energy available, less amount used in boilers .....	55,170,148	706,591	47,932	946,155
	<u>January - June, 1961</u>				
41	Total net generation .....	56,888,502 <sup>r</sup>	705,851 <sup>r</sup>	41,842	942,137
42	Total energy imported .....	495,828	-	-	7,959
43	Total energy exported .....	2,047,090	39,159	-	61,684
44	Net energy available in Canada .....	55,337,240 <sup>r</sup>	666,692 <sup>r</sup>	41,842	888,412
45	Amount used in electric boilers .....	3,169,548 <sup>r</sup>	2,157	-	-
46	Net energy available, less amount used in boilers .....	52,167,692 <sup>r</sup>	664,535 <sup>r</sup>	41,842	888,412

... Figures not appropriate or not applicable.

<sup>r</sup> Revised figures.

TABLE 1. Electric Energy Statistics

June, 1962

New Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Yukon and N.W.T.	No.
thousand kwh.								
115,333	3,087,465	2,449,725	333,416	52,385	95,582	498,042	9,837	1
26,019	1,177	98,664	2,298	138,710	178,652	43,561	1,541	2
141,352	3,088,642	2,548,389	335,714	191,095	274,234	541,603	11,378	3
7,238	1,003,487	120,629	4,954	4,429	-	560,707	4,842	4
37,251	25,987	53,633	-	3,594	25,469	51,492	-	5
44,489	1,029,474	174,262	4,954	8,023	25,469	612,199	4,842	6
185,841	4,118,116	2,722,651	340,668	199,118	299,703	1,153,802	16,220	7
2,114	9,310	550,481	63,483	7,851	3,999	-	-	8
1,034	46	218,358	-	-	-	1,378	-	9
3,148	9,356	768,839	63,483	7,851	3,999	1,378	-	10
13,567	551,517	9,228	8,330	55,857	-	3,999	-	11
14,704	1,059	53,430	1	-	-	129	-	12
6,533	23,969	279,860	-	-	-	1,338	-	13
34,804	576,545	342,518	8,331	55,857	-	5,466	-	14
154,185	3,550,927	3,148,972	395,820	151,112	303,702	1,149,714	16,220	15
3	402,130	27,794	9,898	-	-	14,679	3,565	16
154,182	3,148,797	3,121,178	385,922	151,112	303,702	1,135,035	12,655	17
163,331 <sup>F</sup>	3,696,107 <sup>F</sup>	3,020,826	284,591	199,174	288,973	977,192	14,241	18
4,197	8,232	374,389	77,161	291	3,249	1,366	-	19
24,051	350,269	342,215	293	62,549	21	4,615	-	20
143,477 <sup>F</sup>	3,354,070 <sup>F</sup>	3,053,000	361,459	136,916	292,201	973,943	14,241	21
407	297,486	47,290	1,029 <sup>F</sup>	-	-	8,581	2,524	22
143,070 <sup>F</sup>	3,056,584 <sup>F</sup>	3,005,710	360,430 <sup>F</sup>	136,916	292,201	965,362	11,717	23

TABLE 2. Electric Energy Statistics, Cumulative Totals

thousand kwh.								
503,976	19,344,379	15,792,771	2,022,136	325,153	550,125	3,340,015	71,588	24
204,284	2,270	757,331	98,348	964,559	1,328,060	162,375	11,372	25
708,260	19,346,649	16,550,102	2,120,484	1,289,712	1,878,185	3,502,390	82,960	26
33,590	6,660,992	772,169	28,992	27,898	-	3,452,222	21,161	27
258,442	140,604	333,072	-	14,861	157,641	291,940	-	28
292,032	6,801,596	1,105,241	28,992	42,759	157,641	3,744,162	21,161	29
1,000,292	26,148,245	17,655,343	2,149,476	1,332,471	2,035,826	7,246,552	104,121	30
92,577	53,261	3,455,007	452,853	19,470	16,941	-	-	31
8,595	343	1,248,328	-	-	-	8,314	-	32
101,172	53,604	4,703,335	452,853	19,470	16,941	8,314	-	33
41,765	3,464,358	122,038	20,744	341,301	-	16,941	-	34
79,335	6,895	314,860	11	-	-	746	-	35
32,928	175,227	1,706,756	-	-	-	8,001	-	36
154,028	3,646,480	2,143,654	20,755	341,301	-	25,688	-	37
947,436	22,555,369	20,215,024	2,581,574	1,010,640	2,052,767	7,229,178	104,121	38
467	2,699,785	320,446	36,285	-	-	142,348	27,308	39
946,969	19,855,584	19,894,578	2,545,289	1,010,640	2,052,767	7,086,830	76,813	40
875,663 <sup>F</sup>	24,814,852 <sup>F</sup>	17,588,486	1,933,421 <sup>F</sup>	1,234,442	1,819,302	6,840,347	92,159	41
78,208	49,411	3,231,421	437,273	2,312	14,671	9,476	-	42
103,085	2,962,974	1,847,428	2,535	339,187	910	25,031	-	43
850,786 <sup>F</sup>	21,901,289 <sup>F</sup>	18,972,479	2,368,159 <sup>F</sup>	897,567	1,833,063	6,824,792	92,159	44
616	2,672,609	295,067	53,581 <sup>F</sup>	-	-	122,199	23,319	45
850,170 <sup>F</sup>	19,228,680 <sup>F</sup>	18,677,412	2,314,578 <sup>F</sup>	897,567	1,833,063	6,702,593	68,840	46



TABLE 3. Electric Energy Made Available

January - June, 1962

Month	Total net generation	Imports from United States	Exports to United States	Total made available in Canada	Amount used in Electric Boilers	Total made available less amount used in electric boilers	Daily average, total net generation
thousand kwh.							
January .....	10,593,403	238,032	403,867	10,427,568	550,534	9,877,034	341,723
February .....	9,620,306	216,267	327,978	9,509,595	545,095	8,964,500	343,582
March .....	10,299,393	227,620	371,105	10,155,908	586,311	9,569,597	332,239
April .....	9,678,217	193,686	399,405	9,472,498	551,537	8,920,961	322,607
May .....	9,998,893	169,159	441,381	9,726,671	573,372	9,153,299	322,545
June .....	9,317,201	220,816	381,023	9,156,994	471,237	8,685,757	310,573
July .....							
August .....							
September .....							
October .....							
November .....							
December .....							
Year .....							

TABLE 4. Net Generation, 1950-62

CANADA

Year and month	Utilities			Industry			Grand total
	Hydro	Thermal	Total	Hydro	Thermal	Total	
thousand kwh.							
1950 .....	39,342,277	1,647,557	40,989,834	..	..	13,428,593	54,418,427
1951 .....	45,819,227	1,732,652	47,551,879	..	..	13,369,527	60,921,406
1952 .....	49,156,895	2,222,115	51,379,010	..	..	14,086,950	65,465,960
1953 .....	49,160,361	3,797,345	52,957,706	..	..	16,400,824	69,358,530
1954 .....	51,713,904	3,178,434	54,892,338	..	..	17,547,555	72,439,893
1955 .....	57,996,293	3,197,153	61,193,446	..	..	18,381,161	79,574,607
1956 .....	64,013,966	4,292,898	68,306,864	..	..	19,119,968	87,426,832
1957 .....	65,817,043	5,572,995	71,390,038	17,155,908	1,714,697	18,870,605	90,260,643
1958 .....	70,840,574	4,690,850	75,531,424	19,409,459	1,816,609	21,226,068	96,757,492
1959 .....	77,251,848	5,286,363	82,538,211	19,265,330	2,052,553	21,317,883	103,856,094
1960 .....	83,024,886	5,957,979	88,982,865	22,743,499	2,313,010	25,056,509	114,039,375
1961 .....	82,007,439	7,049,079	89,056,518	21,660,132	2,497,588	24,157,720	113,214,238
1961 January .....	7,127,301	683,105	7,810,406	1,968,635	209,890	2,178,525	9,988,931
February .....	6,345,114	556,601	7,001,715	1,811,204	204,737	2,015,941	9,017,656
March .....	6,983,874	614,876	7,598,750	2,046,435	222,138	2,268,573	9,867,323
April .....	6,824,671	493,689	7,318,360	1,907,477	193,257	2,100,734	9,419,094
May .....	7,108,261	495,902	7,604,163	1,880,146	205,111	2,085,257	9,689,420
June .....	6,600,943	420,047	7,020,990	1,674,698	210,390	1,885,088	8,906,068
July .....	6,475,900	465,447	6,941,347	1,502,076	199,291	1,701,367	8,642,714
August .....	6,526,017	551,419	7,077,436	1,539,842	215,260	1,755,102	8,832,538
September .....	6,590,943	612,425	7,203,368	1,577,823	212,009	1,789,832	8,993,200
October .....	7,002,607	642,248	7,644,855	1,879,501	212,570	2,092,071	9,736,926
November .....	7,054,967	681,577	7,736,544	1,894,278	215,405	2,109,683	9,846,227
December .....	7,370,796	731,672	8,102,468	1,978,392	197,826	2,176,218	10,278,686
1962 January .....	7,407,905	947,167	8,355,072	2,016,768	221,563	2,238,331	10,593,403
February .....	6,769,827	803,265	7,573,092	1,837,030	210,184	2,047,214	9,620,306
March .....	7,330,830	767,988	8,098,818	1,976,157	224,418	2,200,575	10,299,393
April .....	7,082,429	542,821	7,625,250	1,852,998	199,169	2,052,967	9,678,217
May .....	7,473,388	537,848	8,011,236	1,776,333	211,324	1,987,657	9,998,893
June .....	6,772,433	589,526	7,361,959	1,742,280	212,962	1,955,242	9,317,201
July .....							
August .....							
September .....							
October .....							
November .....							
December .....							

(1) Net generation for year 1961 includes small revisions for the year which are not included in the monthly breakdown.  
.. Figures not available.

CATALOGUE No.

57-001

MONTHLY

Canada. Statistics, Bureau of  
**DOMINION BUREAU OF STATISTICS**

OTTAWA - CANADA

Published by Authority of the Honourable George Hees, Minister of Trade and Commerce

Vol. 30, No. 7

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ELECTRIC POWER STATISTICS

JULY, 1962

Total net generation by firms which generate a minimum of approximately 10 million kilowatt hours per annum increased by 4.1 per cent to 8,997,847 mwh. in July 1962, from 8,642,714 mwh. one year ago.

Industrial establishments increased their generation 19.7 per cent to 2,037,865 mwh. from 1,701,367 mwh. and utilities increased their generation 0.3 per cent to 6,959,982 mwh. from 6,941,347 mwh.

Exports decreased to 353,305 mwh. from 399,032 mwh. and imports increased to 249,051 mwh. from 69,420 mwh. in 1961.

The amount made available for primary uses increased by 8.1 per cent to 8,525,202 mwh. from 7,887,631 mwh. while the amount used in electric boilers decreased by 13.4 per cent to 368,391 mwh. from 425,471 mwh. in 1961.

Total net generation for the twelve-month period ending July 31, 1962 amounted to 116,191,203.

Monthly electric power statistics are designed to provide current information on the production and consumption of electric energy in Canada. In order to expedite the collection and compilation of returns, the series is confined to firms which generate a minimum of 10 million kilowatt hours per annum. These firms, however, accounted for 99.3 per cent of total production in 1959.

In the electric power series, net generation is defined as total generation less the amount used in station service. The "net energy available in Canada" is the sum of net generation, plus imports, less exports. Some of the "amount made available" is sold as surplus or secondary power for use, for the most part, in electric boilers, which is the only form of secondary consumption that can be readily ascertained for all provinces. Energy used in electric boilers is deducted from the "available" in order to provide a figure approximating primary consumption.

Prepared in the Public Utilities Section  
Public Finance and Transportation Division

September, 1962  
06-506

TABLE 1. Electric Energy Statistics

July, 1962

No.		Canada	Newfoundland	Prince Edward Island	Nova Scotia
		thousand kwh.			
	<u>July, 1962</u>				
1	Net generation - Utilities: Hydro .....	6,218,929	72,446	-	41,043
2	Thermal .....	741,053	3,506	7,557	81,183
3	Totals .....	6,959,982	75,952	7,557	122,226
4	Industry: Hydro .....	1,842,727	34,758	-	2,687
5	Thermal .....	195,138	1,712	-	11,632
6	Totals .....	2,037,865	36,470	-	14,319
7	Total net generation .....	8,997,847	112,422	7,557	136,545
8	Energy imported: From other provinces .....	...	-	-	5,688
9	From United States .....	249,051	-	-	-
10	Totals .....	249,051	-	-	5,688
11	Energy exported: To other provinces .....	...	6,938	-	1,434
12	To United States - Primary .....	67,332	-	-	-
13	Secondary .....	285,973	-	-	-
14	Totals .....	353,305	6,938	-	1,434
15	Net energy available in Canada .....	8,893,593	105,484	7,557	140,799
16	Amount used in electric boilers .....	368,391	10,040	-	-
17	Net energy available, less amount used in boilers .....	8,525,202	95,444	7,557	140,799
	<u>July, 1961</u>				
18	Total net generation .....	8,642,714	114,512	6,799	141,008
19	Total energy imported .....	69,420	-	-	802
20	Total energy exported .....	399,032	6,198	-	7,422
21	Net energy available in Canada .....	8,313,102	108,314	6,799	134,388
22	Amount used in electric boilers .....	425,471	-	-	-
23	Net energy available, less amount used in boilers .....	7,887,631	108,314	6,799	134,388

TABLE 2. Electric Energy Statistics, Cumulative Totals

		thousand kwh.			
	<u>January - July, 1962</u>				
24	Net generation - Utilities: Hydro .....	49,055,741	630,359	-	369,799
25	Thermal .....	4,929,668	39,207	55,489	657,566
26	Totals .....	53,985,409	669,566	55,489	1,027,365
27	Industry: Hydro .....	13,044,293	220,469	-	21,518
28	Thermal .....	1,478,479(1)	23,200	-	74,004
29	Totals .....	14,522,772(1)	243,669	-	95,522
30	Total net generation .....	68,508,181(1)	913,235	55,489	1,122,887
31	Energy imported: From other provinces .....	...	-	-	47,451
32	From United States .....	1,514,631	-	-	-
33	Totals .....	1,514,631	-	-	47,451
34	Energy exported: To other provinces .....	...	47,243 <sup>r</sup>	-	83,381
35	To United States - Primary .....	469,179	-	-	-
36	Secondary .....	2,208,885	-	-	-
37	Totals .....	2,678,064	47,243 <sup>r</sup>	-	83,381
38	Net energy available in Canada .....	67,344,748(1)	865,992 <sup>r</sup>	55,489	1,086,951
39	Amount used in electric boilers .....	3,646,477	61,487	-	-
40	Net energy available, less amount used in boilers .....	63,698,271(1)	804,505 <sup>r</sup>	55,489	1,086,951
	<u>January - July, 1961</u>				
41	Total net generation .....	65,531,216	820,363	48,641	1,083,141
42	Total energy imported .....	565,248	-	-	8,761
43	Total energy exported .....	2,446,122	45,357	-	69,101
44	Net energy available in Canada .....	63,650,342	775,006	48,641	1,022,801
45	Amount used in electric boilers .....	3,595,019	2,157	-	-
46	Net energy available, less amount used in boilers .....	60,055,323	772,849	48,641	1,022,801

(1) Monthly reports received for a new company in Alberta added 2,921 to cumulative thermal generation and to consumption.

<sup>r</sup> Revised figures.

... Figures not appropriate or not applicable.



TABLE 1. Electric Energy Statistics

July, 1962

New Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Yukon and N.W.T.	No.
thousand kwh.								
99,640	2,836,088	2,205,750	321,441	51,276	87,798	493,383	10,064	1
31,237	10,334	248,208	1,680	141,186	189,348	25,348	1,466	2
130,877	2,846,422	2,453,958	323,121	192,462	277,146	518,731	11,530	3
6,985	1,100,138	118,054	3,609	4,265	-	567,551	4,680	4
36,557	24,070	53,132	-	3,163	18,826	46,046	-	5
43,542	1,124,208	171,186	3,609	7,428	18,826	613,597	4,680	6
174,419	3,970,630	2,625,144	326,730	199,890	295,972	1,132,328	16,210	7
2,884	8,527	494,514	58,392	6,105	4,437	-	-	8
1,203	42	246,409	-	-	-	1,397	-	9
4,087	8,569	740,923	58,392	6,105	4,437	1,397	-	10
5,688	495,366	5,571	6,703	54,410	-	4,437	-	11
12,457	943	53,687	1	-	-	244	-	12
5,470	25,148	254,018	-	-	-	1,337	-	13
23,615	521,457	313,276	6,704	54,410	-	6,018	-	14
154,891	3,457,742	3,052,791	378,418	151,585	300,409	1,127,707	16,210	15
-	310,855	25,495	6,267	-	-	12,251	3,483	16
154,891	3,146,887	3,027,296	372,151	151,585	300,409	1,115,456	12,727	17
152,034	3,796,133	2,874,956	281,879	189,526	275,375	795,062	15,430	18
9,880	7,903	444,159	68,691	294	3,903	1,350	-	19
16,225	410,007	372,743	300	48,214	3	5,482	-	20
145,689	3,394,029	2,946,372	350,270	141,606	279,275	790,930	15,430	21
133	376,869	34,924	-	-	-	10,516	3,029	22
145,556	3,017,160	2,911,448	350,270	141,606	279,275	780,414	12,401	23

TABLE 2. Electric Energy Statistics, Cumulative Totals

thousand kwh.								
603,616	22,180,467	17,998,521	2,343,577	376,429	637,923	3,833,398	81,652	24
235,521	12,604	1,005,539	100,028	1,105,745	1,517,408	187,723	12,838	25
839,137	22,193,071	19,004,060	2,443,605	1,482,174	2,155,331	4,021,121	94,490	26
40,575	7,761,130	890,223	32,601	32,163	-	4,019,773	25,841	27
294,999	164,674	386,204	-	18,024	179,388(1)	337,986	-	28
335,574	7,925,804	1,276,427	32,601	50,187	179,388(1)	4,357,759	25,841	29
1,174,711	30,118,875	20,280,487	2,476,206	1,532,361	2,334,719(1)	8,378,880	120,331	30
95,461	59,318 <sup>F</sup>	3,948,935 <sup>F</sup>	511,245	25,575	21,378	-	-	31
9,798	385	1,494,737	-	-	-	9,711	-	32
105,259	59,703 <sup>F</sup>	5,443,672 <sup>F</sup>	511,245	25,575	21,378	9,711	-	33
47,453	3,959,138 <sup>F</sup>	127,609	27,447	395,711	-	21,378	-	34
91,792	7,838	368,547	12	-	-	990	-	35
38,398	200,375	1,960,774	-	-	-	9,338	-	36
177,643	4,167,351 <sup>F</sup>	2,456,930	27,459	395,711	-	31,706	-	37
1,102,327	26,011,227 <sup>F</sup>	23,267,229 <sup>F</sup>	2,959,992	1,162,225	2,356,097(1)	8,356,385	120,331	38
467	3,010,640	345,941	42,552	-	-	154,599	30,791	39
1,101,860	23,000,587 <sup>F</sup>	22,921,288 <sup>F</sup>	2,917,440	1,162,225	2,356,097(1)	8,202,286	89,540	40
1,027,697	28,610,985	20,463,442	2,215,300	1,423,968	2,094,677	7,635,409	107,589	41
88,088	57,314	3,675,580	505,964	2,606	18,574	10,826	-	42
119,310	3,372,981	2,220,171	2,835	387,401	913	30,513	-	43
996,475	25,295,318	21,918,851	2,718,429	1,039,173	2,112,338	7,615,722	107,589	44
749	3,049,478	329,991	33,581	-	-	132,715	26,348	45
995,726	22,245,840	21,588,860	2,664,848	1,039,173	2,112,338	7,483,007	81,241	46

TABLE 3. Electric Energy Made Available

January - July, 1962

Month	Total net generation	Imports from United States	Exports to United States	Total made available in Canada	Amount used in Electric Boilers	Total made available less amount used in electric boilers	Daily average, total net generation
thousand kwh.							
January .....	10,593,403	238,032	403,867	10,427,568	550,534	9,877,034	341,723
February .....	9,620,506	216,267	327,978	9,509,595	545,095	8,964,500	343,582
March .....	10,299,392	227,620	371,105	10,155,908	586,311	9,569,597	332,239
April .....	9,618,217	193,686	399,405	9,472,498	551,537	8,920,961	322,607
May .....	9,998,891	169,159	441,381	9,726,671	573,372	9,153,299	322,545
June .....	9,317,201	220,816	381,023	9,156,994	471,237	8,685,757	310,573
July .....	8,997,847	249,051	353,305	8,893,593	368,391	8,525,202	290,253
August .....							
September .....							
October .....							
November .....							
December .....							
Year .....							

TABLE 4. Net Generation, 1950-62

CANADA

Year and month	Utilities			Industry			Grand total
	Hydro	Thermal	Total	Hydro	Thermal	Total	
thousand kwh.							
1950 .....	39,342,277	1,647,557	40,989,834	..	..	13,428,593	54,418,427
1951 .....	45,819,227	1,732,652	47,551,879	..	..	13,369,527	60,921,406
1952 .....	49,156,895	2,222,115	51,379,010	..	..	14,086,950	65,465,960
1953 .....	49,160,361	3,797,345	52,957,706	..	..	16,400,824	69,358,530
1954 .....	51,713,904	3,178,434	54,892,338	..	..	17,547,555	72,439,893
1955 .....	57,996,293	3,197,153	61,193,446	..	..	18,381,161	79,574,607
1956 .....	64,013,206	4,292,898	68,306,864	..	..	19,119,968	87,426,832
1957 .....	65,817,043	5,572,995	71,390,038	17,155,908	1,714,697	18,870,605	90,260,643
1958 .....	74,840,294	4,590,850	79,431,144	19,409,459	1,816,609	21,226,068	96,757,492
1959 .....	77,251,864	5,386,363	82,638,227	19,265,340	2,052,553	21,317,893	103,956,094
1960 .....	83,024,886	5,957,979	88,982,865	22,743,499	2,313,010	25,056,509	114,039,375
1961 .....	82,007,439	7,049,079	89,056,518	21,660,132	2,497,588	24,157,720	113,214,238
1961 January .....	7,127,301	683,105	7,810,406	1,968,635	209,890	2,178,525	9,988,931
February .....	6,345,114	556,601	7,001,715	1,811,204	204,737	2,015,941	9,017,656
March .....	6,983,874	614,876	7,598,750	2,046,435	222,138	2,268,573	9,867,323
April .....	6,824,671	493,689	7,318,360	1,907,477	193,257	2,100,734	9,419,094
May .....	7,108,261	495,902	7,604,163	1,880,146	205,111	2,085,257	9,689,420
June .....	6,600,943	420,047	7,020,990	1,674,698	210,390	1,885,088	8,906,068
July .....	6,475,900	465,447	6,941,347	1,502,076	199,291	1,701,367	8,642,714
August .....	6,526,017	551,419	7,077,436	1,539,842	215,260	1,755,102	8,832,538
September .....	6,590,943	612,425	7,203,368	1,577,823	212,009	1,789,832	8,993,200
October .....	7,002,607	642,248	7,644,855	1,879,501	212,570	2,092,071	9,736,926
November .....	7,054,967	681,577	7,736,544	1,894,278	215,405	2,109,683	9,846,227
December .....	7,370,796	731,672	8,102,468	1,978,392	197,826	2,176,218	10,278,686
1962 January .....	7,407,905	947,167	8,355,072	2,016,768	221,563	2,238,331	10,593,403
February .....	6,769,627	805,265	7,573,092	1,837,030	210,184	2,047,214	9,620,306
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April .....	7,082,429	542,821	7,625,250	1,852,998	199,169	2,052,967	9,678,217
May .....	7,473,388	537,848	8,011,236	1,776,333	211,324	1,987,657	9,998,893
June .....	6,772,433	589,526	7,361,959	1,742,280	212,962	1,955,242	9,317,201
July .....	6,218,929	741,053	6,959,982	1,842,727	195,138	2,037,865	8,997,847
August .....							
September .....							
October .....							
November .....							
December .....							

(.) Net Generation for year 1961 includes small revisions for the year which are not included in the monthly breakdown.  
 .. Figures not available.

CATALOGUE No.

57-001

MONTHLY

Canada. Statistics Bureau of

# DOMINION BUREAU OF STATISTICS

OTTAWA - CANADA

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Vol. 30, No. 8

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## ELECTRIC POWER STATISTICS

AUGUST 1962

Total net generation by firms which generate a minimum of approximately 10 million kilowatt hours per annum increased by 4.8 per cent to 9,256,736 mwh. in August 1962, from 8,832,538 mwh. one year ago.

Industrial establishments increased their generation 5.8 per cent to 2,031,551 mwh. from 1,755,102 mwh. and utilities increased their generation 2.1 per cent to 7,225,185 mwh. from 7,077,436 mwh.

Exports decreased to 250,508 mwh. from 281,444 mwh. and imports increased to 160,443 mwh. from 64,154 mwh. in 1961.

The amount made available for primary uses increased 7.5 per cent to 8,831,862 mwh. from 8,214,172 mwh. while the amount used in electric boilers decreased by 17.0 per cent to 334,809 mwh. from 401,076 mwh. in 1961.

Total net generation for the twelve-month period ending August 31, 1962 amounted to 116,716,479 mwh.

Monthly electric power statistics are designed to provide current information on the production and consumption of electric energy in Canada. In order to expedite the collection and compilation of returns, the series is confined to firms which generate a minimum of 10 million kilowatt hours per annum. These firms, however, accounted for 99.3 per cent of total production in 1959.

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Prepared in the Public Utilities Section  
Public Finance and Transportation Division

October 1962  
506-506



TABLE 1. Electric Energy Statistics

August 1962

No.		thousand kwh.			
		Canada	Newfoundland	Prince Edward Island	Nova Scotia
	<u>August 1962</u>				
1	Net generation - Utilities: Hydro .....	6,294,032	100,725	-	51,806
2	Thermal .....	931,153	2,585	8,257	86,178
3	Totals .....	7,225,185	103,310	8,257	137,984
4	Industry: Hydro .....	1,812,886	33,012	-	2,874
5	Thermal .....	218,665	1,936	-	12,205
6	Totals .....	2,031,551	34,948	-	15,079
7	Total net generation .....	9,256,736	138,258	8,257	153,063
8	Energy imported: From other provinces .....	...	-	-	4,094
9	From United States .....	160,443	-	-	-
10	Totals .....	160,443	-	-	4,094
11	Energy exported: To other provinces .....	...	6,858	-	5,676
12	To United States - Primary .....	73,699	-	-	-
13	Secondary .....	176,809	-	-	-
14	Totals .....	250,508	6,858	-	5,676
15	Net energy available in Canada .....	9,166,671	131,400	8,257	151,481
16	Amount used in electric boilers .....	334,809	12,863	-	-
17	Net energy available, less amount used in boilers .....	8,831,862	118,537	8,257	151,481
	<u>August 1961</u>				
18	Total net generation .....	8,832,538	130,230	7,175	152,349
19	Total energy imported .....	64,154	-	-	174
20	Total energy exported .....	281,444	6,415	-	15,329
21	Net energy available in Canada .....	8,615,248	123,815	7,175	137,194
22	Amount used in electric boilers .....	401,076	-	-	-
23	Net energy available, less amount used in boilers .....	8,214,172	123,815	7,175	137,194

TABLE 2. Electric Energy Statistics, Cumulative Totals

		thousand kwh.			
		Canada	Newfoundland	Prince Edward Island	Nova Scotia
	<u>January - August 1962</u>				
24	Net generation - Utilities: Hydro .....	55,349,773	731,084	-	421,605
25	Thermal .....	5,860,821	41,792	63,746	743,744
26	Totals .....	61,210,594	772,876	63,746	1,165,349
27	Industry: Hydro .....	14,926,884(1)	253,481	-	24,392
28	Thermal .....	1,697,144	25,136	-	86,205
29	Totals .....	16,624,028(1)	278,617	-	110,601
30	Total net generation .....	77,834,622(1)	1,051,493	63,746	1,275,950
31	Energy imported: From other provinces .....	...	-	-	51,54
32	From United States .....	1,675,074	-	-	-
33	Totals .....	1,675,074	-	-	51,54
34	Energy exported: To other provinces .....	...	54,101	-	89,06
35	To United States - Primary .....	542,878	-	-	-
36	Secondary .....	2,385,694	-	-	-
37	Totals .....	2,928,572	54,101	-	89,06
38	Net energy available in Canada .....	76,581,124(1)	997,392	63,746	1,238,43
39	Amount used in electric boilers .....	3,981,286	74,350	-	-
40	Net energy available, less amount used in boilers .....	72,599,838(1)	923,042	63,746	1,238,43
	<u>January - August 1961</u>				
41	Total net generation .....	74,399,556 <sup>r</sup>	950,593	55,816	1,235,48
42	Total energy imported .....	629,402	-	-	8,9
43	Total energy exported .....	2,727,566	51,772	-	84,4
44	Net energy available in Canada .....	72,301,392 <sup>r</sup>	898,821	55,816	1,159,9
45	Amount used in electric boilers .....	3,996,095	2,157	-	-
46	Net energy available, less amount used in boilers .....	68,305,297 <sup>r</sup>	896,664	55,816	1,159,9

(1) Monthly reports received for a new company in Quebec added 69,705 to cumulative hydro generation and to consumption.

<sup>r</sup> Revised figures.

... Figures not appropriate or not applicable.

TABLE 1. Electric Energy Statistics

August 1962

New Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Yukon and N.W.T.	No.
thousand kwh.								
109,771	2,820,470	2,206,539	329,805	53,069	82,914	529,334	9,599	1
20,090	17,373	414,236	7,353	148,994	206,713	17,870	1,504	2
129,861	2,837,843	2,620,775	337,158	202,063	289,627	547,204	11,103	3
7,002	1,066,192	120,703	3,607	4,464	-	569,800	5,232	4
42,792	25,793	54,695	-	3,643	29,284	48,317	-	5
49,794	1,091,985	175,398	3,607	8,107	29,284	618,117	5,232	6
179,655	3,929,828	2,796,173	340,765	210,170	318,911	1,165,321	16,335	7
7,197	8,443	413,215	61,309	4,085	4,383	-	-	8
1,132	39	155,401	-	-	-	3,871	-	9
8,329	8,482	568,616	61,309	4,085	4,383	3,871	-	10
4,094	414,184	6,220	4,637	56,674	-	4,383	-	11
15,174	1,077	57,223	1	-	-	224	-	12
5,712	13,714	157,129	-	-	-	254	-	13
24,980	428,975	220,572	4,638	56,674	-	4,861	-	14
163,004	3,509,335	3,144,217	397,436	157,581	323,294	1,164,331	16,335	15
75	275,002	26,354	6,825	-	-	10,516	3,174	16
162,929	3,234,333	3,117,863	390,611	157,581	323,294	1,153,815	13,161	17
141,940	4,036,176	2,738,545	286,432	201,703	292,838	830,290	14,860	18
17,965	8,111	559,606	83,754	315	3,896	1,570	-	19
14,341	529,910	267,868	318	52,993	-	5,507	-	20
145,564	3,514,377	3,030,283	369,868	149,025	296,734	826,353	14,860	21
-	369,286	17,614	-	-	-	11,701	2,475	22
145,564	3,145,091	3,012,669	369,868	149,025	296,734	814,652	12,385	23

TABLE 2. Electric Energy Statistics, Cumulative Totals

thousand kwh.								
713,387	25,000,937	20,205,060	2,673,382	429,498	720,837	4,362,732	91,251	24
255,611	29,977	1,419,775	107,381	1,254,739	1,724,121	205,593	14,342	25
968,998	25,030,914	21,624,835	2,780,763	1,684,237	2,444,958	4,568,325	105,593	26
47,577	8,897,027(1)	1,010,926	36,208	36,627	-	4,589,573	31,073	27
337,791	190,467	440,899	-	21,667	208,672	386,303	-	28
385,368	9,087,494(1)	1,451,825	36,208	58,294	208,672	4,975,876	31,073	29
1,354,366	34,118,408(1)	23,076,660	2,816,971	1,742,531	2,653,630	9,544,201	136,666	30
102,658	67,761	4,362,150	572,554	29,660	25,761	-	-	31
10,930	424	1,650,138	-	-	-	13,582	-	32
113,588	68,185	6,012,288	572,554	29,660	25,761	13,582	-	33
51,547	4,373,322	133,829	32,084	452,385	-	25,761	-	34
106,966	8,915	425,770	13	-	-	1,214	-	35
44,110	214,089	2,117,903	-	-	-	9,592	-	36
202,623	4,596,326	2,677,502	32,097	452,385	-	36,567	-	37
1,265,331	29,590,267(1)	26,411,446	3,357,428	1,319,806	2,679,391	9,521,216	136,666	38
542	3,285,642	372,295	49,377	-	-	165,115	33,965	39
1,264,789	26,304,625(1)	26,039,151	3,308,051	1,319,806	2,679,391	9,356,101	102,701	40
1,169,637	32,682,963 <sup>r</sup>	23,201,987	2,501,732	1,625,671	2,387,515	8,465,699	122,449	41
106,053	65,425	4,235,186	589,718	2,921	22,470	12,396	-	42
133,651	3,902,891	2,488,039	3,153	440,394	913	36,020	-	43
1,142,039	28,845,497 <sup>r</sup>	24,949,134	3,088,297	1,188,198	2,409,072	8,442,075	122,449	44
749	3,418,764	347,605	53,581	-	-	144,416	28,823	45
1,141,290	25,426,733 <sup>r</sup>	24,601,529	3,034,716	1,188,198	2,409,072	8,297,659	93,626	46

TABLE 3. Electric Energy Made Available

January - August 1962

Month	Total net generation	Imports from United States	Exports to United States	Total made available in Canada	Amount used in Electric Boilers	Total made available less amount used in electric boilers	Daily average, total net generation
thousand kwh.							
January .....	10,593,403	238,032	403,867	10,427,568	550,534	9,877,034	341,723
February .....	9,620,306	216,267	327,978	9,509,595	545,095	8,964,500	343,582
March .....	10,299,393	227,620	371,105	10,155,908	586,311	9,569,597	337,239
April .....	9,678,217	193,686	399,405	9,472,498	551,537	8,920,961	322,607
May .....	9,998,893	169,159	441,381	9,726,671	573,372	9,153,299	322,545
June .....	9,317,201	220,816	381,023	9,156,994	471,237	8,685,757	310,573
July .....	8,997,847	249,051	353,305	8,893,593	368,391	8,525,202	290,253
August .....	9,256,736	160,443	250,508	9,166,671	334,809	8,831,862	298,604
September .....							
October .....							
November .....							
December .....							
Year .....							

TABLE 4. Net Generation, 1950-62

CANADA

Year and month	Utilities			Industry			Grand total
	Hydro	Thermal	Total	Hydro	Thermal	Total	
thousand kwh.							
1950 .....	39,342,277	1,647,557	40,989,834	..	..	13,428,593	54,418,427
1951 .....	45,819,227	1,732,652	47,551,879	..	..	13,369,527	60,921,406
1952 .....	49,156,895	2,222,115	51,379,010	..	..	14,086,950	65,465,960
1953 .....	49,160,361	3,797,345	52,957,706	..	..	16,400,824	69,358,530
1954 .....	51,713,904	3,178,434	54,892,338	..	..	17,547,555	72,439,893
1955 .....	57,996,293	3,197,153	61,193,446	..	..	18,381,161	79,574,607
1956 .....	64,013,966	4,292,898	68,306,864	..	..	19,119,968	87,426,832
1957 .....	65,817,043	5,572,995	71,390,038	17,155,908	1,714,697	18,870,605	90,260,643
1958 .....	70,840,574	4,690,850	75,531,424	19,409,459	1,816,609	21,226,068	96,757,492
1959 .....	77,251,848	5,286,363	82,538,211	19,265,330	2,052,553	21,317,883	103,856,094
1960 .....	83,024,886	5,957,979	88,982,865	22,743,499	2,313,010	25,056,509	114,039,375
1961(1) .....	82,007,439	7,049,079	89,056,518	21,727,307 <sup>r</sup>	2,497,588	24,224,895 <sup>r</sup>	113,281,413 <sup>r</sup>
1961 January .....	7,127,301	683,105	7,810,406	1,968,635	209,890	2,178,525	9,988,931
February .....	6,345,114	556,601	7,001,715	1,811,204	204,737	2,015,941	9,017,656
March .....	6,983,874	614,876	7,598,750	2,046,435	222,138	2,268,573	9,867,323
April .....	6,824,671	493,689	7,318,360	1,907,477	193,257	2,100,734	9,419,094
May .....	7,108,261	495,902	7,604,163	1,880,146	205,111	2,085,257	9,689,420
June .....	6,600,943	420,047	7,020,990	1,674,698	210,390	1,885,088	8,906,068
July .....	6,475,900	465,447	6,941,347	1,502,076	199,291	1,701,367	8,642,714
August .....	6,526,017	551,419	7,077,436	1,539,842	215,260	1,755,102	8,832,538
September .....	6,590,943	612,425	7,203,368	1,577,823	212,009	1,789,832	8,993,200
October .....	7,002,607	642,248	7,644,855	1,879,501	212,570	2,092,071	9,736,926
November .....	7,054,967	681,577	7,736,544	1,894,278	215,405	2,109,683	9,846,227
December .....	7,370,796	731,672	8,102,468	1,978,392	197,826	2,176,218	10,278,686
1962 January .....	7,407,905	947,167	8,355,072	2,016,768	221,563	2,238,331	10,593,403
February .....	6,769,827	803,265	7,573,092	1,837,030	210,184	2,047,214	9,620,306
March .....	7,330,830	767,988	8,098,818	1,976,157	224,418	2,200,575	10,299,393
April .....	7,082,429	542,821	7,625,250	1,852,998	199,169	2,052,967	9,678,217
May .....	7,473,388	537,848	8,011,236	1,776,333	211,324	1,987,657	9,998,893
June .....	6,772,433	589,526	7,361,959	1,742,280	212,962	1,955,242	9,317,201
July .....	6,218,929	741,053	6,959,982	1,842,727	195,138	2,037,865	8,997,847
August .....	6,294,032	931,153	7,225,185	1,812,886	218,665	2,031,551	9,256,736
September .....							
October .....							
November .....							
December .....							

(1) Net Generation for year 1961 includes small revisions for the year which are not included in the monthly breakdown.

r Revised figures.

.. Figures not available.



CATALOGUE No.

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## ELECTRIC POWER STATISTICS

SEPTEMBER 1962

Total net generation by firms which generate a minimum of approximately 10 million kilowatt hours per annum increased by 0.8 per cent to 9,062,373 mwh. in September 1962, from 8,993,200 mwh. one year ago.

Industrial establishments increased their generation 1.4 per cent to 1,992,897 mwh. from 1,789,832 mwh. and utilities decreased their generation 1.9 per cent to 7,069,476 mwh. from 7,203,368 mwh.

Exports decreased to 294,002 mwh. from 389,670 mwh. and imports increased to 16,926 mwh. from 168,562 mwh. in 1961.

The amount made available for primary uses increased 3.6 per cent to 8,643,265 mwh. from 8,341,365 mwh. while the amount used in electric boilers decreased 20.6 per cent to 342,032 mwh. from 430,727 mwh. in 1961.

Total net generation for the twelve-month period ending September 30, 1962 amounted to 116,810,886 mwh.

Monthly electric power statistics are designed to provide current information on the production and consumption of electric energy in Canada. In order to expedite the collection and compilation of returns, the series is confined to firms which generate a minimum of 10 million kilowatt hours per annum. These firms, however, accounted for 99.3 per cent of total production in 1959.

In the electric power series, net generation is defined as total generation less the amount used in station service. The "net energy available in Canada" is the sum of net generation, plus imports, less exports. Some of the "amount made available" is sold as surplus or secondary power for use, for the most part, in electric boilers, which is the only form of secondary consumption that can be readily ascertained for all provinces. Energy used in electric boilers is deducted from the "available" in order to provide a figure approximating primary consumption.

Prepared in the Public Utilities Section  
Public Finance and Transportation Division

September 1962  
57-001

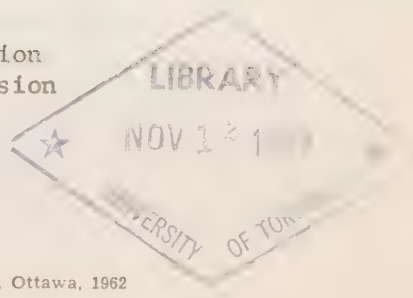


TABLE 1. Electric Energy Statistics

September 1962

No.		Canada	Newfoundland	Prince Edward Island	Nova Scotia
		thousand kwh.			
	<u>September 1962</u>				
1	Net generation - Utilities: Hydro .....	5,988,122	79,961	-	51,844
2	Thermal .....	1,081,354	13,252	8,167	87,048
3	Totals .....	7,069,476	93,213	8,167	138,892
4	Industry: Hydro .....	1,784,035	26,628	-	2,829
5	Thermal .....	208,862	1,765	-	11,923
6	Totals .....	1,992,897	28,393	-	14,752
7	Total net generation .....	9,062,373	121,606	8,167	153,644
8	Energy imported: From other provinces .....	...	-	-	2,872
9	From United States .....	216,926	-	-	-
10	Totals .....	216,926	-	-	2,872
11	Energy exported: To other provinces .....	...	6,424	-	6,120
12	To United States - Primary .....	66,890	-	-	-
13	Secondary .....	227,112	-	-	-
14	Totals .....	294,002	6,424	-	6,120
15	Net energy available in Canada .....	8,985,297	115,182	8,167	150,396
16	Amount used in electric boilers .....	342,032	8,435	-	-
17	Net energy available, less amount used in boilers .....	8,643,265	106,747	8,167	150,396
	<u>September 1961</u>				
18	Total net generation .....	8,993,200	110,972	6,940	143,732
19	Total energy imported .....	168,562	-	-	2,321
20	Total energy exported .....	389,670	6,774	-	1,029
21	Net energy available in Canada .....	8,772,092	104,198	6,940	145,024
22	Amount used in electric boilers .....	430,727	-	-	-
23	Net energy available, less amount used in boilers .....	8,341,365	104,198	6,940	145,024

TABLE 2. Electric Energy Statistics, Cumulative Totals

		thousand kwh.			
		<u>January - September 1962</u>			
24	Net generation - Utilities: Hydro .....	61,433,694(1)	811,045	-	473,449
25	Thermal .....	6,928,141(1)	55,044	71,913	830,792
26	Totals .....	68,361,835	866,089	71,913	1,304,241
27	Industry: Hydro .....	16,629,154(1)	280,109	-	27,221
28	Thermal .....	1,906,006	26,901	-	98,132
29	Totals .....	18,535,160(1)	307,010	-	125,353
30	Total net generation .....	86,896,995	1,173,099	71,913	1,429,594
31	Energy imported: From other provinces .....	...	-	-	54,419
32	From United States .....	1,892,000	-	-	-
33	Totals .....	1,892,000	-	-	54,419
34	Energy exported: To other provinces .....	...	60,525	-	95,182
35	To United States - Primary .....	609,768	-	-	-
36	Secondary .....	2,612,806	-	-	-
37	Totals .....	3,222,574	60,525	-	95,182
38	Net energy available in Canada .....	85,566,421	1,112,574	71,913	1,388,831
39	Amount used in electric boilers .....	4,323,318	82,785	-	-
40	Net energy available, less amount used in boilers .....	81,243,103	1,029,789	71,913	1,388,831
	<u>January - September 1961</u>				
41	Total net generation .....	83,339,561(1)	1,061,565	62,756	1,379,226
42	Total energy imported .....	797,964	-	-	11,256
43	Total energy exported .....	3,117,236	58,546	-	85,464
44	Net energy available in Canada .....	81,020,289(1)	1,003,019	62,756	1,305,018
45	Amount used in electric boilers .....	4,426,822	2,157	-	-
46	Net energy available, less amount used in boilers .....	76,593,467(1)	1,000,862	62,756	1,305,018

... Figures not appropriate or not applicable.

(1) Affected by revisions in figures for previous months.

TABLE 1. Electric Energy Statistics

September 1962

New Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Yukon and N.W.T.	No.
thousand kwh.								
88,009	2,607,646	2,179,040	338,955	51,856	74,614	506,002	10,195	1
34,825	9,199	511,431	7,151	152,171	219,581	36,720	1,809	2
122,834	2,616,845	2,690,471	346,106	204,027	294,195	542,722	12,004	3
5,229	1,059,776	120,376	3,738	4,194	-	556,676	4,589	4
41,462	25,109	54,408	-	3,534	23,576	47,085	-	5
46,691	1,084,885	174,784	3,738	7,728	23,576	603,761	4,589	6
169,525	3,701,730	2,865,255	349,844	211,755	317,771	1,146,483	16,593	7
7,675	8,147	373,759	60,946	999	4,252	-	-	8
1,143	48	205,879	-	-	-	9,856	-	9
8,818	8,195	579,638	60,946	999	4,252	9,856	-	10
2,872	374,912	7,366	1,401	55,303	-	4,252	-	11
13,281	1,063	52,417	1	-	-	128	-	12
6,702	19,944	200,363	-	-	-	103	-	13
22,855	395,919	260,146	1,402	55,303	-	4,483	-	14
155,488	3,314,006	3,184,747	409,388	157,451	322,023	1,151,856	16,593	15
62	259,512	38,699	15,704	-	-	17,148	2,472	16
155,426	3,054,494	3,146,048	393,684	157,451	322,023	1,134,708	14,121	17
167,925	4,027,312	2,772,065	301,916	202,969	303,646	939,445	16,278	18
3,557	8,339	689,858	75,015	625	4,136	1,397	-	19
19,877	559,046	359,387	687	53,984	-	5,572	-	20
151,605	3,476,605	3,102,536	376,244	149,610	307,782	935,270	16,278	21
-	384,676	29,098	-	-	-	13,255	3,698	22
151,605	3,091,929	3,073,438	376,244	149,610	307,782	922,015	12,580	23

TABLE 2. Electric Energy Statistics, Cumulative Totals

thousand kwh.								
801,396	27,690,348(1)	22,398,134(1)	3,012,337	481,354	795,451	4,868,734	101,446	24
290,436	39,176	1,917,172(1)	114,532	1,406,910	1,943,702	242,313	16,151	25
1,091,832	27,729,524(1)	24,315,306	3,126,869	1,888,264	2,739,153	5,111,047	117,597	26
52,806	9,875,038(1)	1,131,302	29,946	40,821	-	5,146,249	35,662	27
379,253	215,576	495,307	-	25,201	232,248	433,388	-	28
432,059	10,090,614(1)	1,626,609	39,946	66,022	232,248	5,579,637	35,662	29
1,523,891	37,820,138	25,941,915	3,166,815	1,954,286	2,971,401	10,690,684	153,259	30
110,333	75,908	4,735,909	633,500	30,659	30,013	-	-	31
12,073	472	1,856,017	-	-	-	23,438	-	32
122,406	76,380	6,591,926	633,500	30,659	30,013	23,438	-	33
54,419	4,748,234	141,195	33,485	507,688	-	30,013	-	34
120,247	9,978	478,187	14	-	-	1,342	-	35
50,812	234,033	2,318,266	-	-	-	9,695	-	36
225,478	4,992,245	2,937,648	33,499	507,688	-	41,050	-	37
1,420,819	32,904,273	29,596,193	3,766,816	1,477,257	3,001,414	10,673,072	153,259	38
604	3,545,154	410,994	65,081	-	-	182,263	36,437	39
1,420,215	29,359,119	29,185,199	3,701,735	1,477,257	3,001,414	10,490,809	116,822	40
1,337,562	36,657,080(1)	25,974,052	2,803,648	1,828,640	2,691,161	9,405,144	138,727	41
109,610	73,764	4,925,044	664,733	3,546	26,606	13,793	-	42
153,528	4,461,937	2,847,426	3,840	494,378	913	41,192	-	43
1,293,644	32,268,907(1)	28,051,670	3,464,541	1,337,808	2,716,854	9,377,345	138,727	44
749	3,803,440	376,703	53,581	-	-	157,671	32,521	45
1,292,895	28,465,467(1)	27,674,967	3,410,960	1,337,808	2,716,854	9,219,674	106,206	46



TABLE 3. Electric Energy Made Available

January - September 1962

Month	Total net generation	Imports from United States	Exports to United States	Total made available in Canada	Amount used in Electric Boilers	Total made available less amount used in electric boilers	Daily average, total net generation
thousand kwh.							
January .....	10,593,403	238,032	403,867	10,427,568	550,534	9,877,034	341,723
February .....	9,620,305 <sup>r</sup>	216,267	327,978	9,509,594 <sup>r</sup>	545,095	8,964,499 <sup>r</sup>	343,582
March .....	10,299,392 <sup>r</sup>	227,620	371,105	10,155,907 <sup>r</sup>	586,311	9,569,596 <sup>r</sup>	332,239
April .....	9,678,217	193,686	399,405	9,472,498	551,537	8,920,961	322,607
May .....	9,998,894 <sup>r</sup>	169,159	441,381	9,726,672 <sup>r</sup>	573,372	9,153,300 <sup>r</sup>	322,545
June .....	9,317,201	220,816	381,023	9,156,994	471,237	8,685,757	310,573
July .....	8,997,848 <sup>r</sup>	249,051	353,305	8,893,594 <sup>r</sup>	368,391	8,525,203 <sup>r</sup>	290,253
August .....	9,256,736	160,443	250,508	9,166,671	334,809	8,831,862	298,604
September .....	9,062,373	216,926	294,002	8,985,297	342,032	8,643,265	302,108
October .....							
November .....							
December .....							
Year .....							

<sup>r</sup> Revised figures.

TABLE 4. Net Generation, 1950-62

CANADA

Year and month	Utilities			Industry			Grand total
	Hydro	Thermal	Total	Hydro	Thermal	Total	
thousand kwh.							
1950 .....	39,342,277	1,647,557	40,989,834	..	..	13,428,593	54,418,427
1951 .....	45,819,227	1,732,652	47,551,879	..	..	13,369,527	60,921,406
1952 .....	49,156,895	2,222,115	51,379,010	..	..	14,086,950	65,465,960
1953 .....	49,160,361	3,797,345	52,957,706	..	..	16,400,824	69,358,530
1954 .....	51,713,904	3,178,434	54,892,338	..	..	17,547,555	72,439,893
1955 .....	57,996,293	3,197,153	61,193,446	..	..	18,381,161	79,574,607
1956 .....	64,013,966	4,292,898	68,306,864	..	..	19,119,968	87,426,832
1957 .....	65,817,043	5,572,995	71,390,038	17,155,908	1,714,697	18,870,605	90,260,643
1958 .....	70,840,574	4,690,850	75,531,424	19,409,459	1,816,609	21,226,068	96,757,492
1959 .....	77,251,848	5,286,363	82,538,211	19,265,330	2,052,553	21,317,883	103,856,094
1960 .....	83,024,886	5,957,979	88,982,865	22,743,499	2,313,010	25,056,509	114,039,375
1961(1) .....	82,014,614 <sup>r</sup>	7,000,079	89,063,693 <sup>r</sup>	21,660,132 <sup>r</sup>	2,497,588	24,157,720 <sup>r</sup>	113,221,413 <sup>r</sup>
1961 January .....	7,127,301	683,105	7,810,406	1,968,635	209,890	2,178,525	9,988,931
February .....	6,345,114	556,601	7,001,715	1,811,204	204,737	2,015,941	9,017,656
March .....	6,983,874	614,876	7,598,750	2,046,435	222,138	2,268,573	9,867,323
April .....	6,824,671	493,689	7,318,360	1,907,477	193,257	2,100,734	9,419,094
May .....	7,108,261	495,902	7,604,163	1,880,146	205,111	2,085,257	9,689,420
June .....	6,600,943	420,047	7,020,990	1,674,698	210,390	1,885,088	8,906,068
July .....	6,475,900	465,447	6,941,347	1,502,076	199,291	1,701,367	8,642,714
August .....	6,526,017	551,419	7,077,436	1,539,842	215,260	1,755,102	8,832,538
September .....	6,590,943	612,425	7,203,368	1,577,823	212,009	1,789,832	8,993,200
October .....	7,002,607	642,248	7,644,855	1,879,501	212,570	2,092,071	9,736,926
November .....	7,054,967	681,577	7,736,544	1,894,278	215,405	2,109,683	9,846,227
December .....	7,370,796	731,672	8,102,468	1,978,392	197,826	2,176,218	10,278,686
1962 January .....	7,412,032 <sup>r</sup>	943,040 <sup>r</sup>	8,355,072	2,016,768	221,563	2,238,331	10,593,403
February .....	6,775,616 <sup>r</sup>	797,475 <sup>r</sup>	7,573,091 <sup>r</sup>	1,837,030	210,184	2,047,214	9,620,305 <sup>r</sup>
March .....	7,337,060 <sup>r</sup>	761,757 <sup>r</sup>	8,098,817 <sup>r</sup>	1,976,157	224,418	2,200,575	10,299,392 <sup>r</sup>
April .....	7,082,290 <sup>r</sup>	542,960 <sup>r</sup>	7,625,250 <sup>r</sup>	1,852,998	199,969	2,052,967	9,678,217
May .....	7,472,929 <sup>r</sup>	538,308 <sup>r</sup>	8,011,237 <sup>r</sup>	1,776,333	211,324	1,987,657	9,998,894 <sup>r</sup>
June .....	6,771,951 <sup>r</sup>	590,008 <sup>r</sup>	7,361,959	1,742,280	212,962	1,955,242	9,317,201
July .....	6,217,897 <sup>r</sup>	742,086 <sup>r</sup>	6,959,983 <sup>r</sup>	1,842,727	195,138	2,037,865	8,997,848 <sup>r</sup>
August .....	6,306,092 <sup>r</sup>	931,153	7,237,245 <sup>r</sup>	1,800,826 <sup>r</sup>	218,665	2,019,491 <sup>r</sup>	9,256,736
September .....	5,988,122	1,081,354	7,069,476	1,784,035	208,862	1,992,897	9,062,373
October .....							
November .....							
December .....							

(1) Net Generation for year 1961 includes small revisions for the year which are not included in the monthly breakdown.

.. Figures not available.

<sup>r</sup> Revised figures.

CATALOGUE No.

57-001

MONTHLY

Canada. Statistics, Bureau of

# DOMINION BUREAU OF STATISTICS

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## ELECTRIC POWER STATISTICS

OCTOBER 1962

Total net generation by firms which generate a minimum of approximately 10 million kilowatt hours per annum increased by 1.5 per cent to 9,879,960 mwh. in October 1962, from 9,736,926 mwh. one year ago.

Industrial establishments increased their generation 7.7 per cent to 2,253,319 mwh. from 2,092,071 mwh. and utilities decreased their generation 0.2 per cent to 7,626,641 mwh. from 7,644,855 mwh.

Exports decreased to 280,485 mwh. from 331,618 mwh. and imports increased to 143,439 mwh. from 137,478 mwh. in 1961.

The amount made available for primary uses increased 3.6 per cent to 9,385,332 mwh. from 9,057,521 mwh. while the amount used in electric boilers decreased 5.7 per cent to 457,582 mwh. from 485,265 in 1961.

Total net generation for the twelve-month period ending October 31, 1962 mounted to 116,981,072.

Monthly electric power statistics are designed to provide current information on the production and consumption of electric energy in Canada. In order to expedite the collection and compilation of returns, the series is confined to firms which generate a minimum of 10 million kilowatt hours per annum. These firms, however, accounted for 99.3 per cent of total production in 1959.

In the electric power series, net generation is defined as total generation less the amount used in station service. The "net energy available in Canada" is the sum of net generation, plus imports, less exports. Some of the "amount made available" is sold as surplus or secondary power for use, for the most part, in electric boilers, which is the only form of secondary consumption that can be readily ascertained for all provinces. Energy used in electric boilers is deducted from the "available" in order to provide a figure approximating primary consumption.

Prepared in the Public Utilities Section  
Public Finance and Transportation Division

December 1962  
57-001



TABLE 1. Electric Energy Statistics

October 1962

No.		Canada	Newfoundland	Prince Edward Island	Nova Scotia
		thousand kwh.			
	<u>October 1962</u>				
1	Net generation - Utilities: Hydro .....	6,444,108	90,031	-	58,150
2	Thermal .....	1,182,533	7,684	8,973	96,983
3	Totals .....	7,626,641	97,715	8,973	155,133
4	Industry: Hydro .....	2,039,416	34,395	-	3,508
5	Thermal .....	213,903	3,162	-	9,766
6	Totals .....	2,253,319	37,557	-	13,274
7	Total net generation .....	9,879,960	135,272	8,973	168,407
8	Energy imported: From other provinces .....	...	-	-	547
9	From United States .....	243,439	-	-	-
10	Totals .....	243,439	-	-	547
11	Energy exported: To other provinces .....	...	6,856	-	6,752
12	To United States - Primary .....	59,847	-	-	-
13	Secondary .....	220,638	-	-	-
14	Totals .....	280,485	6,856	-	6,752
15	Net energy available in Canada .....	9,842,914	128,416	8,973	162,202
16	Amount used in electric boilers .....	457,582	9,821	-	-
17	Net energy available, less amount used in boilers .....	9,385,332	118,595	8,973	162,202
	<u>October 1961</u>				
18	Total net generation .....	9,736,926	121,040	7,815	152,827
19	Total energy imported .....	137,478	-	-	4,121
20	Total energy exported .....	331,618	7,552	-	1,358
21	Net energy available in Canada .....	9,542,786	113,488	7,815	155,590
22	Amount used in electric boilers .....	485,265	-	-	-
23	Net energy available, less amount used in boilers .....	9,057,521	113,488	7,815	155,590

TABLE 2. Electric Energy Statistics, Cumulative Totals

		thousand kwh.			
<u>January - October 1962</u>					
24	Net generation - Utilities: Hydro .....	67,876,520	901,076	-	531,599
25	Thermal .....	8,110,674	62,728	80,886	927,775
26	Totals .....	75,987,194	963,804	80,886	1,459,374
27	Industry: Hydro .....	18,668,570	314,504	-	30,729
28	Thermal .....	2,129,443(1)	30,063	-	107,898
29	Totals .....	20,798,013(1)	344,567	-	138,627
30	Total net generation .....	96,785,207(1)	1,308,371	80,886	1,598,001
31	Energy imported: From other provinces .....	...	-	-	54,966
32	From United States .....	2,135,439	-	-	-
33	Totals .....	2,135,439	-	-	54,966
34	Energy exported: To other provinces .....	...	67,381	-	101,934
35	To United States - Primary .....	669,615	-	-	-
36	Secondary .....	2,833,444	-	-	-
37	Totals .....	3,503,059	67,381	-	101,934
38	Net energy available in Canada .....	95,417,587(1)	1,240,990	80,886	1,551,036
39	Amount used in electric boilers .....	4,780,900	92,606	-	-
40	Net energy available, less amount used in boilers .....	90,636,687(1)	1,148,384	80,886	1,551,036
<u>January - October 1961</u>					
41	Total net generation .....	93,082,155	1,182,605	70,571	1,532,056
42	Total energy imported .....	935,442	-	-	15,377
43	Total energy exported .....	3,448,854	66,098	-	86,821
44	Net energy available in Canada .....	90,568,743	1,116,507	70,571	1,460,604
45	Amount used in electric boilers .....	4,912,087	2,157	-	-
46	Net energy available, less amount used in boilers .....	85,656,656	1,114,350	70,571	1,460,604

(1) Monthly reports received for a new company in Alberta added 9,534 to cumulative thermal industrial generation and to consumption.

... Figures not appropriate or not applicable.



TABLE 1. Electric Energy Statistics

October 1962

New Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Yukon and N.W.T.	No.
thousand kwh.								
87,043	2,861,803	2,285,917	362,130	55,267	58,308	573,992	11,467	1
45,504	2,467	557,819	7,109	164,896	263,606	25,438	2,054	2
132,547	2,864,270	2,843,736	369,239	220,163	321,914	599,430	13,521	3
6,260	1,246,906	132,838	4,323	4,365	-	603,019	3,802	4
42,765	27,090	52,753	-	3,526	27,611	47,230	-	5
49,025	1,273,996	185,591	4,323	7,891	27,611	650,249	3,802	6
181,572	4,138,266	3,029,327	373,562	228,054	349,525	1,249,679	17,323	7
8,745	8,565	403,465	66,174	941	3,229	-	-	8
1,365	52	233,401	-	-	-	8,621	-	9
10,110	8,617	636,866	66,174	941	3,229	8,621	-	10
547	405,065	9,671	1,334	58,212	-	3,229	-	11
12,932	1,187	45,611	1	-	-	1.6	-	12
8,019	19,546	191,901	-	-	-	1,172	-	13
21,498	425,798	247,183	1,335	58,212	-	4,517	-	14
170,184	3,721,085	3,419,010	438,401	170,783	352,754	1,253,783	17,323	15
48	367,645	35,673	15,377	-	-	25,213	3,805	16
170,136	3,353,440	3,383,337	423,024	170,783	352,754	1,228,570	13,518	17
183,090	4,283,949	2,912,033	317,448	210,469	327,607	1,203,199	17,449	18
4,267	9,300	677,425	86,570	685	4,205	1,431	-	19
23,793	579,563	307,842	688	55,669	-	5,679	-	20
163,564	3,713,686	3,281,616	403,330	155,485	331,812	1,198,951	17,449	21
-	420,896	38,529	-	-	-	21,679	4,161	22
163,564	3,292,790	3,243,087	403,330	155,485	331,812	1,177,272	13,288	23

TABLE 2. Electric Energy Statistics, Cumulative Totals

thousand kwh.								
888,439	30,552,151	24,684,051	3,374,467	536,621	853,759	5,442,726	111,631	24
335,940	41,643	2,474,991	121,641	1,571,806	2,207,308	267,751	18,205	25
1,224,379	30,593,794	27,159,042	3,496,108	2,108,427	3,061,067	5,710,477	129,836	26
59,066	11,121,944	1,264,140	44,269	45,186	-	5,749,268	39,464	27
422,018	242,666	548,060	-	28,727	269,393(1)	480,618	-	28
481,084	11,364,610	1,812,200	44,269	73,913	269,393(1)	6,229,886	39,464	29
1,705,463	41,958,404	28,971,242	3,540,377	2,182,340	3,330,460(1)	11,940,363	169,300	30
119,078	84,473	5,139,374	699,674	31,600	33,242	-	-	31
13,438	524	2,089,418	-	-	-	32,059	-	32
132,516	84,997	7,228,792	699,674	31,600	33,242	32,059	-	33
54,966	5,153,299	150,866	34,819	565,900	-	33,242	-	34
133,179	11,165	523,798	15	-	-	1,458	-	35
58,831	253,579	2,510,167	-	-	-	10,867	-	36
246,976	5,418,043	3,184,831	34,834	565,900	-	45,567	-	37
1,591,003	36,625,358	33,015,203	4,205,217	1,648,040	3,363,702(1)	11,926,855	169,300	38
652	3,912,799	446,667	80,458	-	-	207,476	40,242	39
1,590,351	32,712,559	32,568,536	4,124,759	1,648,040	3,363,702(1)	11,719,379	129,058	40
1,520,652	40,946,697	28,886,085	3,121,096	2,039,109	3,018,768	10,608,343	156,176	41
113,877	83,064	5,602,469	751,303	4,231	30,811	15,224	-	42
177,321	5,041,500	3,155,268	4,528	550,047	913	47,271	-	43
1,457,208	35,988,261	31,333,286	3,867,871	1,493,293	3,048,666	10,576,296	156,176	44
749	4,224,336	415,232	53,581	-	-	179,350	36,682	45
1,456,459	31,763,925	30,918,054	3,814,290	1,493,293	3,048,666	10,396,946	119,494	46

TABLE 3. Electric Energy Made Available

January - October 1962

Month	Total net generation	Imports from United States	Exports to United States	Total made available in Canada	Amount used in Electric Boilers	Total made available less amount used in electric boilers	Daily average, total net generation
thousand kwh.							
January .....	10,593,403	238,032	403,867	10,427,568	550,534	9,877,034	341,723
February .....	9,620,305	216,267	327,978	9,509,594	545,095	8,964,499	343,582
March .....	10,299,392	227,620	371,105	10,155,907	586,311	9,569,596	332,239
April .....	9,678,217	193,686	399,405	9,472,498	551,537	8,920,961	322,607
May .....	9,998,894	169,159	441,381	9,726,672	573,372	9,153,300	322,545
June .....	9,317,201	220,816	381,023	9,156,994	471,237	8,685,757	310,573
July .....	8,997,848	249,051	353,305	8,893,594	368,391	8,525,203	290,253
August .....	9,256,736	160,443	250,508	9,166,671	334,809	8,831,862	298,604
September .....	9,061,091 <sup>r</sup>	216,926	294,002	8,984,015 <sup>r</sup>	342,032	8,641,983 <sup>r</sup>	302,036 <sup>r</sup>
October .....	9,879,960	243,439	280,485	9,842,914	457,582	9,385,332	318,708
November .....							
December .....							
Year .....							

r Revised figures.

TABLE 4. Net Generation, 1950-62

CANADA

Year and month	Utilities			Industry			Grand total
	Hydro	Thermal	Total	Hydro	Thermal	Total	
thousand kwh.							
1950 .....	39,342,277	1,647,557	40,989,834	..	..	13,428,593	54,418,427
1951 .....	45,819,227	1,732,652	47,551,879	..	..	13,369,527	60,921,406
1952 .....	49,156,895	2,222,115	51,379,010	..	..	14,086,950	65,465,960
1953 .....	49,160,361	3,797,345	52,957,706	..	..	16,400,824	69,358,530
1954 .....	51,713,904	3,178,434	54,892,338	..	..	17,547,555	72,439,893
1955 .....	57,996,293	3,197,153	61,193,446	..	..	18,381,161	79,574,607
1956 .....	64,013,966	4,292,898	68,306,864	..	..	19,119,968	87,426,832
1957 .....	65,817,043	5,572,995	71,390,038	17,155,908	1,714,697	18,870,605	90,260,643
1958 .....	70,840,574	4,690,850	75,531,424	19,409,459	1,816,609	21,226,068	96,757,492
1959 .....	77,251,848	5,286,363	82,538,211	19,265,330	2,052,553	21,317,883	103,856,094
1960 .....	83,024,886	5,957,979	88,982,865	22,743,499	2,313,010	25,056,509	114,039,375
1961(1) .....	82,014,614	7,049,079	89,063,693	21,660,132	2,497,588	24,157,720	113,221,413
1961 January .....	7,127,301	683,105	7,810,406	1,968,635	209,890	2,178,525	9,988,931
February .....	6,345,114	556,601	7,001,715	1,811,204	204,737	2,015,941	9,017,656
March .....	6,983,874	614,876	7,598,750	2,046,435	222,138	2,268,573	9,867,323
April .....	6,824,671	493,689	7,318,360	1,907,477	193,257	2,100,734	9,419,094
May .....	7,108,261	495,902	7,604,163	1,880,146	205,111	2,085,257	9,689,420
June .....	6,600,943	420,047	7,020,990	1,674,698	210,390	1,885,088	8,906,068
July .....	6,475,900	465,447	6,941,347	1,502,076	199,291	1,701,367	8,642,714
August .....	6,526,017	551,419	7,077,436	1,539,842	215,260	1,755,102	8,832,538
September .....	6,590,943	612,425	7,203,368	1,577,823	212,009	1,789,832	8,993,200
October .....	7,002,607	642,248	7,644,855	1,879,501	212,570	2,092,071	9,736,926
November .....	7,054,967	681,577	7,736,544	1,894,278	215,405	2,109,683	9,846,227
December .....	7,370,796	731,672	8,102,468	1,978,392	197,826	2,176,218	10,278,686
1962 January .....	7,412,032	943,040	8,355,072	2,016,768	221,563	2,238,331	10,593,403
February .....	6,775,616	797,475	7,573,091	1,837,030	210,184	2,047,214	9,620,305
March .....	7,337,060	761,757	8,098,817	1,976,157	224,418	2,200,575	10,299,392
April .....	7,082,290	542,960	7,625,250	1,852,998	199,969	2,052,967	9,678,217
May .....	7,472,929	538,308	8,011,237	1,776,333	211,324	1,987,657	9,998,894
June .....	6,771,951	590,008	7,361,959	1,742,280	212,962	1,955,242	9,317,201
July .....	6,217,897	742,086	6,959,983	1,842,727	195,138	2,037,865	8,997,848
August .....	6,306,092	931,153	7,237,245	1,800,826	218,665	2,019,491	9,256,736
September .....	5,986,840 <sup>r</sup>	1,081,354	7,068,194 <sup>r</sup>	1,784,035	208,862	1,992,897	9,061,091 <sup>r</sup>
October .....	6,444,108	1,182,533	7,626,641	2,039,416	213,903	2,253,319	9,879,960
November .....							
December .....							

(1) Net Generation for year 1961 includes small revisions for the year which are not included in the monthly breakdown.

.. Figures not available.

r Revised figures.

CATALOGUE No.

57-001

MONTHLY

Canada. Statistics. Bureau of  
**DOMINION BUREAU OF STATISTICS**

OTTAWA - CANADA

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Vol. 30, No. 11

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ELECTRIC POWER STATISTICS

NOVEMBER 1962

Total net generation by firms which generate a minimum of approximately 10 million kilowatt hours per annum increased by 1.7 per cent to 10,015,195 mwh. in November 1962, from 9,846,227 mwh. one year ago.

Industrial establishments increased their generation 8.3 per cent to 2,285,785 mwh. from 2,109,683 mwh. and utilities decreased their generation 1.9 per cent to 7,729,410 mwh. from 7,736,544 mwh.

Exports decreased to 264,481 mwh. from 356,608 mwh. and imports increased to 317,152 mwh. from 223,200 mwh. in November 1961.

The amount made available for primary uses increased 4.3 per cent to 9,628,020 mwh. from 9,233,440 mwh. while the amount used in electric boilers decreased 8.3 per cent to 439,846 mwh. from 479,379 mwh. in 1961.

Total net generation for the twelve-month period ending November 30, 1962 amounted to 117,184,536 mwh.

Monthly electric power statistics are designed to provide current information on the production and consumption of electric energy in Canada. In order to expedite the collection and compilation of returns, the series is confined to firms which generate a minimum of 10 million kilowatt hours per annum. These firms, however, accounted for 99.3 per cent of total production in 1959.

In the electric power series, net generation is defined as total generation less the amount used in station service. The "net energy available in Canada" is the sum of net generation, plus imports, less exports. Some of the "amount made available" is sold as surplus or secondary power for use, for the most part, in electric boilers, which is the only form of secondary consumption that can be readily ascertained for all provinces. Energy used in electric boilers is deducted from the "available" in order to provide a figure approximating primary consumption.

Prepared in the Public Utilities Section  
Public Finance and Transportation Division

January 1963  
606-506



TABLE 1. Electric Energy Statistics

November 1962

No.		thousand kwh.			
		Canada	Newfoundland	Prince Edward Island	Nova Scotia
	<u>November 1962</u>				
1	Net generation - Utilities: Hydro .....	6,426,505	98,065	-	69,681
2	Thermal .....	1,302,905	3,342	9,503	79,513
3	Totals .....	7,729,410	101,407	9,503	149,194
4	Industry: Hydro .....	2,070,707	35,976	-	3,743
5	Thermal .....	215,078	4,584	-	9,623
6	Totals .....	2,285,785	40,560	-	13,366
7	Total net generation .....	10,015,195	141,967	9,503	162,560
8	Energy imported: From other provinces .....	...	-	-	10,137
9	From United States .....	317,152	-	-	-
10	Totals .....	317,152	-	-	10,137
11	Energy exported: To other provinces .....	...	8,338	-	900
12	To United States - Primary .....	63,300	-	-	-
13	Secondary .....	201,181	-	-	-
14	Totals .....	264,481	8,338	-	900
15	Net energy available in Canada .....	10,067,866	133,629	9,503	171,797
16	Amount used in electric boilers .....	439,846	8,974	-	-
17	Net energy available, less amount used in boilers .....	9,628,020	124,655	9,503	171,797
	<u>November 1961</u>				
18	Total net generation .....	9,846,227	126,972	8,598	158,014
19	Total energy imported .....	223,200	-	-	331
20	Total energy exported .....	356,608	8,280	-	2,035
21	Net energy available in Canada .....	9,712,819	118,692	8,598	156,310
22	Amount used in electric boilers .....	479,379	912	-	-
23	Net energy available, less amount used in boilers .....	9,233,440	117,780	8,598	156,310

TABLE 2. Electric Energy Statistics, Cumulative Totals

		thousand kwh.			
		Canada	Newfoundland	Prince Edward Island	Nova Scotia
	<u>January - November 1962</u>				
24	Net generation - Utilities: Hydro .....	74,297,260	999,141	-	601,280
25	Thermal .....	9,419,344	66,070	90,389	1,007,288
26	Totals .....	83,716,604	1,065,211	90,389	1,608,568
27	Industry: Hydro .....	20,739,277	350,480	-	34,472
28	Thermal .....	2,368,591(1)	34,647	-	117,521
29	Totals .....	23,107,868(1)	385,127	-	151,993
30	Total net generation .....	106,824,472(1)	1,450,338	90,389	1,760,561
31	Energy imported: From other provinces .....	...	-	-	65,103
32	From United States .....	2,452,591	-	-	-
33	Totals .....	2,452,591	-	-	65,103
34	Energy exported: To other provinces .....	...	75,719	-	102,834
35	To United States - Primary .....	732,915	-	-	-
36	Secondary .....	3,034,625	-	-	-
37	Totals .....	3,767,540	75,719	-	102,834
38	Net energy available in Canada .....	105,509,523(1)	1,374,619	90,389	1,722,830
39	Amount used in electric boilers .....	5,220,746	101,580	-	-
40	Net energy available, less amount used in boilers .....	100,288,777(1)	1,273,039	90,389	1,722,830
	<u>January - November 1961</u>				
41	Total net generation .....	102,936,856	1,309,577	79,169	1,690,067
42	Total energy imported .....	1,158,642	-	-	15,708
43	Total energy exported .....	3,805,462	74,378	-	88,857
44	Net energy available in Canada .....	100,290,036	1,235,199	79,169	1,616,918
45	Amount used in electric boilers .....	5,391,466	3,069	-	-
46	Net energy available, less amount used in boilers .....	94,898,570	1,232,130	79,169	1,616,918

1. Monthly reports received for a new company in British Columbia added 24,070 to cumulative thermal industrial generation and to consumption.  
 .. Figures not appropriate or not applicable.

TABLE 1. Electric Energy Statistics

November 1962

New Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Yukon and N.W.T.	No.
thousand kwh.								
132,621	2,753,728	2,292,680	379,873	55,786	47,945	582,708	13,418	1
146,817	53	560,424	5,695	172,684	289,877	32,818	2,179	2
279,438	2,753,781	2,853,104	385,568	228,470	337,822	615,526	15,597	3
6,479	1,306,022	126,260	4,641	4,930	-	579,442	3,214	4
40,716	25,680	53,222	-	2,370	31,410	47,473	-	5
47,195	1,331,702	179,482	4,641	7,300	31,410	626,915	3,214	6
326,633	4,085,483	3,032,586	390,209	235,770	369,232	1,242,441	18,811	7
2,963	17,485	384,757	66,372	1,041	2,965	-	-	8
1,255	57	304,873	-	-	-	10,967	-	9
4,218	17,542	689,630	66,372	1,041	2,965	10,967	-	10
10,137	386,368	17,401	1,493	58,118	-	2,965	-	11
14,039	1,252	47,885	1	-	-	123	-	12
11,192	18,304	170,248	-	-	-	1,437	-	13
35,368	405,924	235,534	1,494	58,118	-	4,525	-	14
295,483	3,697,101	3,486,682	455,087	178,693	372,197	1,248,883	18,811	15
187	347,795	36,825	16,593	-	-	24,376	5,096	16
295,296	3,349,306	3,449,857	438,494	178,693	372,197	1,224,507	13,715	17
173,396	4,304,698	2,924,404	335,869	218,962	345,550	1,232,222	17,542	18
5,126	9,996	778,570	83,696	810	2,743	1,423	-	19
19,485	597,476	328,763	815	55,054	-	4,195	-	20
159,037	3,717,218	3,374,211	418,750	164,718	348,293	1,229,450	17,542	21
45	402,820	42,069	-	-	-	28,958	4,575	22
158,992	3,314,398	3,332,142	418,750	164,718	348,293	1,200,492	12,967	23

TABLE 2. Electric Energy Statistics, Cumulative Totals

thousand kwh.								
1,021,060	33,305,879	26,976,731	3,754,340	592,407	901,704	6,019,669	125,049	24
482,757	41,696	3,035,415	127,336	1,744,490	2,502,950	300,569	20,384	25
1,503,817	33,347,575	30,012,146	3,881,676	2,336,897	3,404,654	6,320,238	145,433	26
65,545	12,427,966	1,390,400	48,910	50,116	-	6,328,710	42,678	27
462,734	268,346	601,282	-	31,097	300,803	552,161(1)	-	28
528,279	12,696,312	1,991,682	48,910	81,213	300,803	6,880,871(1)	42,678	29
2,032,096	46,043,887	32,003,828	3,930,586	2,418,110	3,705,457	13,201,109(1)	188,111	30
122,041	101,958	5,524,131	766,046	32,641	36,207	-	-	31
14,693	581	2,394,291	-	-	-	43,026	-	32
136,734	102,539	7,918,422	766,046	32,641	36,207	43,026	-	33
65,103	5,539,667	168,267	36,312	624,018	-	36,207	-	34
147,218	12,417	571,683	16	-	-	1,581	-	35
70,023	271,883	2,680,415	-	-	-	12,304	-	36
282,344	5,823,967	3,420,365	36,328	624,018	-	50,092	-	37
1,886,486	40,322,459	36,501,885	4,660,304	1,826,733	3,741,664	13,194,043(1)	188,111	38
839	4,260,594	483,492	97,051	-	-	231,852	45,338	39
1,885,647	36,061,865	36,018,393	4,563,253	1,826,733	3,741,664	12,962,191(1)	142,773	40
1,694,048	45,259,869	31,810,489	3,456,965	2,258,071	3,364,318	11,840,565	173,718	41
119,003	93,060	6,381,039	834,999	5,041	33,554	16,647	-	42
196,806	5,638,976	3,484,031	5,343	605,101	913	51,466	-	43
1,616,245	39,713,953	34,707,497	4,286,621	1,658,011	3,396,959	11,805,766	173,718	44
794	4,627,156	457,301	53,581	-	-	208,308	41,257	45
1,615,451	35,086,797	34,250,196	4,233,040	1,658,011	3,396,959	11,597,438	132,461	46

TABLE 3. Electric Energy Made Available

January - November 1962

Month	Total net generation	Imports from United States	Exports to United States	Total made available in Canada	Amount used in Electric Boilers	Total made available less amount used in electric boilers	Daily average, total net generation
thousand kwh.							
January .....	10,593,403	238,032	403,867	10,427,568	550,534	9,877,034	341,723
February .....	9,620,305	216,267	327,978	9,509,594	545,095	8,964,499	343,582
March .....	10,299,392	227,620	371,105	10,155,907	586,311	9,569,596	332,239
April .....	9,678,217	193,686	399,405	9,472,498	551,537	8,920,961	322,607
May .....	9,998,894	169,159	441,381	9,726,672	573,372	9,153,300	322,545
June .....	9,317,201	220,816	381,023	9,156,994	471,237	8,685,757	310,573
July .....	8,997,848	249,051	353,305	8,893,594	368,391	8,525,203	290,253
August .....	9,256,736	160,443	250,508	9,166,671	334,809	8,831,862	298,604
September .....	9,061,091	216,926	294,002	8,984,015	342,032	8,641,983	302,036
October .....	9,879,960	243,439	280,485	9,842,914	457,582	9,385,332	318,708
November .....	10,015,195	317,152	264,481	10,067,866	439,846	9,628,020	333,835
December .....							
Year .....							

† Revised figures.

TABLE 4. Net Generation, 1950-62

CANADA

Year and month	Utilities			Industry			Grand total
	Hydro	Thermal	Total	Hydro	Thermal	Total	
thousand kwh.							
1950 .....	39,342,277	1,647,557	40,989,834	..	..	13,428,593	54,418,427
1951 .....	45,819,227	1,732,652	47,551,879	..	..	13,369,527	60,921,406
1952 .....	49,156,895	2,222,115	51,379,010	..	..	14,086,950	65,465,960
1953 .....	49,160,361	3,797,345	52,957,706	..	..	16,400,824	69,358,530
1954 .....	51,713,904	3,178,434	54,892,338	..	..	17,547,555	72,439,893
1955 .....	57,996,293	3,197,153	61,193,446	..	..	18,381,161	79,574,607
1956 .....	64,013,966	4,292,898	68,306,864	..	..	19,119,968	87,426,832
1957 .....	65,817,043	5,572,995	71,390,038	17,155,908	1,714,697	18,870,605	90,260,643
1958 .....	70,840,574	4,690,850	75,531,424	19,409,459	1,816,609	21,226,068	96,757,492
1959 .....	77,251,848	5,286,363	82,538,211	19,265,330	2,052,553	21,317,883	103,856,094
1960 .....	83,024,886	5,957,979	88,982,865	22,743,499	2,313,010	25,056,509	114,039,375
1961(1) .....	82,014,614	7,049,079	89,063,693	21,660,132	2,497,588	24,157,720	113,221,413
1961 January .....	7,127,301	683,105	7,810,406	1,968,635	209,890	2,178,525	9,988,931
February .....	6,345,114	556,601	7,001,715	1,811,204	204,737	2,015,941	9,017,656
March .....	6,983,874	614,876	7,598,750	2,046,435	222,138	2,268,573	9,867,323
April .....	6,824,671	493,689	7,318,360	1,907,477	193,257	2,100,734	9,419,094
May .....	7,108,261	495,902	7,604,163	1,880,146	205,111	2,085,257	9,689,420
June .....	6,600,943	420,047	7,020,990	1,674,698	210,390	1,885,088	8,906,068
July .....	6,475,900	465,447	6,941,347	1,502,076	199,291	1,701,367	8,642,714
August .....	6,526,017	551,419	7,077,436	1,539,842	215,260	1,755,102	8,832,538
September .....	6,590,943	612,425	7,203,368	1,577,823	212,009	1,789,832	8,993,200
October .....	7,002,607	642,248	7,644,855	1,879,501	212,570	2,092,071	9,736,926
November .....	7,054,967	681,577	7,736,544	1,894,278	215,405	2,109,683	9,846,227
December .....	7,370,796	731,672	8,102,468	1,978,392	197,826	2,176,218	10,278,686
1962 January .....	7,410,713 <sup>F</sup>	944,359 <sup>F</sup>	8,355,072	2,016,768	221,563	2,238,331	10,593,403
February .....	6,775,163 <sup>F</sup>	797,928 <sup>F</sup>	7,573,091	1,837,030	210,184	2,047,214	9,620,305
March .....	7,333,108 <sup>F</sup>	765,709 <sup>F</sup>	8,098,817	1,976,157	224,418	2,200,575	10,299,392
April .....	7,082,167 <sup>F</sup>	543,083 <sup>F</sup>	7,625,250	1,852,998	199,969	2,052,967	9,678,217
May .....	7,472,953 <sup>F</sup>	538,284 <sup>F</sup>	8,011,237	1,776,333	211,324	1,987,657	9,998,894
June .....	6,771,971 <sup>F</sup>	589,988 <sup>F</sup>	7,361,959	1,742,280	212,962	1,955,242	9,317,201
July .....	6,217,913 <sup>F</sup>	742,070 <sup>F</sup>	6,959,983	1,842,727	195,138	2,037,865	8,997,848
August .....	6,306,094 <sup>F</sup>	931,151 <sup>F</sup>	7,237,245	1,800,826	218,665	2,019,491	9,256,736
September .....	5,986,861 <sup>F</sup>	1,081,333 <sup>F</sup>	7,068,194	1,784,035	208,862	1,992,897	9,061,091 <sup>F</sup>
October .....	6,444,107 <sup>F</sup>	1,182,534 <sup>F</sup>	7,626,641	2,039,416	213,903	2,253,319	9,879,960
November .....	6,426,505	1,302,905	7,729,410	2,070,707	215,078	2,285,785	10,015,195
December .....							

(1) Net generation for year 1961 includes small revisions for the year which are not included in the monthly breakdown.

† Revised figures.

.. Figures not available.



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57-001

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## ELECTRIC POWER STATISTICS

DECEMBER 1962

Total generation for the year 1962 as reported monthly by establishments and utilities, which generated ten million or more during the year, amounted to 117,003,171 mwh., an increase of 3.34 per cent over the 1961 total. Exports for the year showed little change, while the amount imported was double that of 1961. As a result, the amount available for Canadian consumption increased 4.8 per cent.

Total net generation in December decreased by 0.9 per cent to 10,187,981 mwh. from 10,278,686 mwh. one year ago.

Industrial establishments increased their generation 3.4 per cent to 2,250,769 mwh. from 2,176,218 mwh. and utilities decreased their generation 2.0 per cent to 7,937,212 mwh. from 8,102,468 mwh.

Exports decreased to 281,951 mwh. from 374,560 mwh. and imports increased to 338,509 mwh. from 235,318 mwh. in 1961.

The amount made available for primary uses increased 2.5 per cent to 9,844,743 mwh. from 9,606,639 mwh. while the amount used in electric boilers decreased 25.0 per cent to 399,796 mwh. from 532,805 mwh. in 1961.

Monthly electric power statistics are designed to provide current information on the production and consumption of electric energy in Canada. In order to expedite the collection and compilation of returns, the series is confined to firms which generate a minimum of 10 million kilowatt hours per annum. These firms, however, accounted for 99.6 per cent of total production in 1960.

In the electric power series, net generation is defined as total generation less the amount used in station service. The "net energy available in Canada" is the sum of net generation, plus imports, less exports. Some of the "amount made available" is sold as surplus or secondary power for use, for the most part, in electric boilers, which is the only form of secondary consumption that can be readily ascertained for all provinces. Energy used in electric boilers is deducted from the "available" in order to provide a figure approximating primary consumption.

Prepared in the Public Utilities Section  
Public Finance and Transportation Division

February 1963  
506-506

TABLE 1. Electric Energy Statistics

December 1962

No.		Canada	Newfoundland	Prince Edward Island	Nova Scotia
		thousand kwh.			
	<u>December 1962</u>				
1	Net generation - Utilities: Hydro .....	6,564,134	93,142	-	70,760
2	Thermal .....	1,373,078	3,628	10,126	90,740
3	Totals .....	7,937,212	96,770	10,126	161,500
4	Industry: Hydro .....	2,048,690	31,623	-	3,846
5	Thermal .....	202,079	4,323	-	12,109
6	Totals .....	2,250,769	35,946	-	15,955
7	Total net generation .....	10,187,981	132,716	10,126	177,455
8	Energy imported: From other provinces .....	...	-	-	1,993
9	From United States .....	338,509	-	-	-
10	Totals .....	338,509	-	-	1,993
11	Energy exported: To other provinces .....	...	6,393	-	3,452
12	To United States - Primary .....	66,840	-	-	-
13	Secondary .....	215,111	-	-	-
14	Totals .....	281,951	6,393	-	3,452
15	Net energy available in Canada .....	10,244,539	126,323	10,126	175,996
16	Amount used in electric boilers .....	399,796	6,493	-	-
17	Net energy available, less amount used in boilers .....	9,844,743	119,830	10,126	175,996
	<u>December 1961</u>				
18	Total net generation .....	10,278,686	129,764	9,407	159,955
19	Total energy imported .....	235,318	-	-	819
20	Total energy exported .....	374,560	9,066	-	2,268
21	Net energy available in Canada .....	10,139,444	120,698	9,407	158,506
22	Amount used in electric boilers .....	532,805	2,571	-	-
23	Net energy available, less amount used in boilers .....	9,606,639	118,127	9,407	158,506

TABLE 2. Electric Energy Statistics, Cumulative Totals

		thousand kwh.			
	<u>January - December 1962</u>				
24	Net generation - Utilities: Hydro .....	80,861,406	1,092,283	-	672,040
25	Thermal .....	10,781,660	69,698	100,515	1,098,361
26	Totals .....	91,643,066	1,161,981	100,515	1,770,401
27	Industry: Hydro .....	22,789,817	382,793	-	38,318
28	Thermal .....	2,570,288	38,970	-	129,630
29	Totals .....	25,360,105	421,763	-	167,948
30	Total net generation .....	117,003,171	1,583,744	100,515	1,938,349
31	Energy imported: From other provinces .....	...	-	-	67,090
32	From United States .....	2,971,100	-	-	-
33	Totals .....	2,791,100	-	-	67,090
34	Energy exported: To other provinces .....	...	82,112	-	106,280
35	To United States - Primary .....	799,745	-	-	-
36	Secondary .....	3,249,736	-	-	-
37	Totals .....	4,049,481	82,112	-	106,280
38	Net energy available in Canada .....	115,744,790	1,501,632	100,515	1,899,150
39	Amount used in electric boilers .....	5,621,428	108,073	-	-
40	Net energy available, less amount used in boilers .....	110,123,362	1,393,559	100,515	1,899,150
	<u>January - December 1961</u>				
41	Total net generation .....	113,221,413	1,439,341	88,576	1,850,050
42	Total energy imported .....	1,393,960	-	-	16,520
43	Total energy exported .....	4,180,022	83,444	-	91,120
44	Net energy available in Canada .....	110,435,351	1,355,897	88,576	1,775,450
45	Amount used in electric boilers .....	5,924,271	5,640	-	-
46	Net energy available, less amount used in boilers .....	104,511,080	1,350,257	88,576	1,775,450

... Figures not appropriate or not applicable.

TABLE 1. Electric Energy Statistics

December 1962

New Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Yukon and N.W.T.	No.
thousand kwh.								
98,575	2,784,771	2,377,099	415,680	56,966	54,482	597,908	14,751	1
40,936	120	656,021	9,455	200,142	320,386	39,217	2,307	2
139,511	2,784,891	3,033,120	425,135	257,108	374,868	637,125	17,058	3
5,664	1,289,765	118,556	4,707	5,158	-	585,999	3,372	4
35,618	24,616	49,694	-	2,146	29,692	43,881	-	5
41,282	1,314,381	168,250	4,707	7,304	29,692	629,880	3,372	6
180,793	4,099,272	3,201,370	429,842	264,412	404,560	1,267,005	20,430	7
5,716	45,679	392,540	73,934	1,036	2,496	-	-	8
1,628	66	322,379	-	-	-	14,436	-	9
7,344	45,745	714,919	73,934	1,036	2,496	14,436	-	10
1,993	394,486	54,117	1,354	59,103	-	2,496	-	11
15,288	1,386	50,044	1	-	-	121	-	12
5,565	18,626	189,006	-	-	-	1,914	-	13
22,846	414,498	293,167	1,355	59,103	-	4,531	-	14
165,291	3,730,519	3,623,122	502,421	206,345	407,056	1,276,910	20,430	15
323	293,381	48,057	18,895	357	-	26,260	6,030	16
164,968	3,437,138	3,575,065	483,526	205,988	407,056	1,250,650	14,400	17
185,546	4,459,088	3,046,547	384,470	251,748	387,062	1,245,761	19,338	18
5,473	11,236	818,089	88,989	834	2,033	1,250	-	19
22,403	623,992	348,760	839	57,268	-	3,369	-	20
168,616	3,846,332	3,515,876	472,620	195,314	389,095	1,243,642	19,338	21
125	418,601	69,210	3,853	-	-	33,447	4,998	22
168,491	3,427,731	3,446,666	468,767	195,314	389,095	1,210,195	14,340	23

TABLE 2. Electric Energy Statistics, Cumulative Totals

thousand kwh.								
1,119,635	36,090,862	29,353,630	4,170,020	649,373	956,186	6,617,577	139,800	24
523,693	41,816	3,691,436	136,791	1,944,632	2,812,241	339,786	22,691	25
1,643,328	36,132,678	33,045,066	4,306,811	2,594,005	3,768,427	6,957,363	162,491	26
71,209	13,717,951	1,509,481	53,617	55,274	-	6,915,124	46,050	27
498,352	292,558	650,998	-	33,243	330,495	596,042	-	28
569,561	14,010,509	2,160,479	53,617	88,517	330,495	7,511,166	46,050	29
2,212,889	50,143,187	35,205,545	4,360,428	2,682,522	4,098,922	14,468,529	208,541	30
127,757	147,637	5,916,671	839,980	33,677	38,703	-	-	31
16,321	647	2,716,670	-	-	-	57,462	-	32
144,078	148,284	8,633,341	839,980	33,677	38,703	57,462	-	33
67,096	5,934,153	222,384	37,666	683,121	-	38,703	-	34
162,506	13,803	621,717	17	-	-	1,702	-	35
75,588	290,509	2,869,421	-	-	-	14,218	-	36
305,190	6,238,465	3,713,522	37,683	683,121	-	54,623	-	37
2,051,777	44,053,006	40,125,364	5,162,725	2,033,078	4,137,625	14,471,368	208,541	38
1,162	4,554,861	531,549	115,946	357	-	258,112	51,368	39
2,050,615	39,498,145	39,593,815	5,046,779	2,032,721	4,137,625	14,213,256	157,173	40
1,879,594	49,724,755	34,856,567	3,841,435	2,510,261	3,751,380	13,086,326	193,127	41
124,476	104,296	7,199,128	923,988	5,875	35,587	17,897	-	42
219,209	6,262,968	3,832,791	6,182	662,369	913	54,835	-	43
1,784,861	43,566,083	38,222,904	4,759,241	1,853,767	3,786,054	13,049,388	193,127	44
919	5,045,757	526,511	57,434	-	-	241,755	46,255	45
1,783,942	38,520,326	37,696,393	4,701,807	1,853,767	3,786,054	12,807,633	146,872	46



TABLE 3. Electric Energy Made Available

January - December 1962

Month	Total net generation	Imports from United States	Exports to United States	Total made available in Canada	Amount used in Electric Boilers	Total made available less amount used in electric boilers	Daily average, total net generation
thousand kwh.							
January .....	10,604,333 <sup>r</sup>	238,032	403,867	10,438,498 <sup>r</sup>	550,534	9,887,964 <sup>r</sup>	342,075 <sup>r</sup>
February .....	9,631,968 <sup>r</sup>	216,267	327,968 <sup>r</sup>	9,520,267 <sup>r</sup>	545,095	8,975,172 <sup>r</sup>	343,998 <sup>r</sup>
March .....	10,311,340 <sup>r</sup>	227,620	371,105	10,167,855 <sup>r</sup>	586,311	9,581,544 <sup>r</sup>	332,624 <sup>r</sup>
April .....	9,692,771 <sup>r</sup>	193,686	399,405	9,487,052 <sup>r</sup>	551,537	8,935,515 <sup>r</sup>	323,092 <sup>r</sup>
May .....	10,005,084 <sup>r</sup>	169,159	441,381	9,732,862 <sup>r</sup>	573,372	9,159,490 <sup>r</sup>	322,751 <sup>r</sup>
June .....	9,333,722 <sup>r</sup>	220,816	381,023	9,173,515 <sup>r</sup>	471,237	8,702,278 <sup>r</sup>	311,124 <sup>r</sup>
July .....	9,011,883 <sup>r</sup>	249,051	353,305	8,907,629 <sup>r</sup>	368,391	8,539,238 <sup>r</sup>	290,706 <sup>r</sup>
August .....	9,260,408 <sup>r</sup>	160,443	250,508	9,170,343 <sup>r</sup>	334,809	8,835,534 <sup>r</sup>	298,723 <sup>r</sup>
September .....	9,064,098 <sup>r</sup>	216,926	294,002	8,987,022 <sup>r</sup>	342,032	8,644,990 <sup>r</sup>	302,137 <sup>r</sup>
October .....	9,882,470 <sup>r</sup>	243,439	280,485	9,845,424 <sup>r</sup>	457,582	9,387,842 <sup>r</sup>	318,789 <sup>r</sup>
November .....	10,016,065	317,152	264,481	10,068,736 <sup>r</sup>	439,846	9,628,890 <sup>r</sup>	333,869 <sup>r</sup>
December .....	10,187,981	338,509	281,951	10,244,539	399,796	9,844,743	328,645
Year(1) .....	117,003,171	2,791,100	4,049,481	115,744,790	5,621,428	110,123,362	320,557

(1) Net Generation for year 1962 includes small revisions for the year which are not included in monthly statistics.  
<sup>r</sup> Revised figures.

TABLE 4. Net Generation, 1950-62

CANADA

Year and month	Utilities			Industry			Grand total
	Hydro	Thermal	Total	Hydro	Thermal	Total	
thousand kwh.							
1950 .....	39,342,277	1,647,557	40,989,834	..	..	13,428,593	54,418,427
1951 .....	45,819,227	1,732,652	47,551,879	..	..	13,369,527	60,921,406
1952 .....	49,156,895	2,222,115	51,379,010	..	..	14,086,950	65,465,960
1953 .....	49,160,361	3,797,345	52,957,706	..	..	16,400,824	69,358,530
1954 .....	51,713,904	3,178,434	54,892,338	..	..	17,547,555	72,439,893
1955 .....	57,996,293	3,197,153	61,193,446	..	..	18,381,161	79,574,607
1956 .....	64,013,366	4,292,898	68,306,864	..	..	19,119,968	87,426,832
1957 .....	65,817,043	5,572,995	71,390,038	17,155,908	1,714,697	18,870,605	90,260,643
1958 .....	70,840,574	4,690,850	75,531,424	19,409,459	1,816,609	21,226,068	96,757,492
1959 .....	77,251,848	5,286,363	82,538,211	19,265,330	2,052,553	21,317,883	103,856,094
1960 .....	83,024,886	5,957,979	88,982,865	22,743,499	2,313,010	25,056,509	114,039,375
1961(1) .....	82,014,614	7,049,079	89,063,693	21,660,132	2,497,588	24,157,720	113,221,413
1962(2) .....	80,861,406	10,781,660	91,643,066	22,789,817	2,570,288	25,360,105	117,003,171
1961 January .....	7,127,301	683,105	7,810,406	1,968,635	209,890	2,178,525	9,988,931
February .....	6,345,114	556,601	7,001,715	1,811,204	204,737	2,015,941	9,017,656
March .....	6,983,874	614,876	7,598,750	2,046,435	222,138	2,268,573	9,867,323
April .....	6,824,671	493,689	7,318,360	1,907,477	193,257	2,100,734	9,419,094
May .....	7,108,261	495,902	7,604,163	1,880,146	205,111	2,085,257	9,689,420
June .....	6,600,943	420,047	7,020,990	1,674,698	210,390	1,885,088	8,906,068
July .....	6,475,900	465,447	6,941,347	1,502,076	199,291	1,701,367	8,642,714
August .....	6,526,017	551,419	7,077,436	1,539,842	215,260	1,755,102	8,832,538
September ...	6,590,943	612,425	7,203,368	1,577,823	212,009	1,789,832	8,993,200
October .....	7,002,607	642,248	7,644,855	1,879,501	212,570	2,092,071	9,736,926
November .....	7,054,967	681,577	7,736,544	1,894,278	215,405	2,109,683	9,846,227
December .....	7,370,796	731,672	8,102,468	1,978,392	197,826	2,176,218	10,278,686
1962 January .....	7,417,680 <sup>r</sup>	944,359	8,362,039 <sup>r</sup>	2,016,768	225,526 <sup>r</sup>	2,242,294 <sup>r</sup>	10,604,333 <sup>r</sup>
February .....	6,783,244 <sup>r</sup>	797,928	7,581,172 <sup>r</sup>	1,837,030	213,766 <sup>r</sup>	2,050,796 <sup>r</sup>	9,631,968 <sup>r</sup>
March .....	7,341,190 <sup>r</sup>	765,709	8,106,899 <sup>r</sup>	1,976,157	228,284 <sup>r</sup>	2,204,441 <sup>r</sup>	10,311,340 <sup>r</sup>
April .....	7,093,999 <sup>r</sup>	542,083 <sup>r</sup>	7,636,082 <sup>r</sup>	1,852,998	203,691 <sup>r</sup>	2,056,689 <sup>r</sup>	9,692,771 <sup>r</sup>
May .....	7,484,870 <sup>r</sup>	528,284 <sup>r</sup>	8,013,154 <sup>r</sup>	1,776,333	215,597 <sup>r</sup>	1,991,930 <sup>r</sup>	10,005,084 <sup>r</sup>
June .....	6,784,175 <sup>r</sup>	589,988	7,374,163 <sup>r</sup>	1,742,280	217,279 <sup>r</sup>	1,959,559 <sup>r</sup>	9,333,722 <sup>r</sup>
July .....	6,228,335 <sup>r</sup>	742,070	6,970,405 <sup>r</sup>	1,842,727	198,751 <sup>r</sup>	2,041,478 <sup>r</sup>	9,011,883 <sup>r</sup>
August .....	6,306,094	931,151	7,237,245	1,800,826	222,337 <sup>r</sup>	2,023,163 <sup>r</sup>	9,260,408 <sup>r</sup>
September ...	5,986,861	1,081,333	7,068,194	1,784,035	211,869 <sup>r</sup>	1,995,904 <sup>r</sup>	9,064,098 <sup>r</sup>
October .....	6,444,107	1,182,534	7,626,641	2,039,416	216,413 <sup>r</sup>	2,255,829 <sup>r</sup>	9,882,470 <sup>r</sup>
November .....	6,426,505	1,302,905	7,729,410	2,070,707	215,948 <sup>r</sup>	2,286,655 <sup>r</sup>	10,016,065 <sup>r</sup>
December .....	6,564,134	1,373,078	7,937,212	2,048,690	202,079	2,250,769	10,187,981

(1) Net Generation for year 1961 includes small revisions for the year which are not included in the monthly breakdown.

(2) Net Generation for year 1962 includes small revisions for the year which are not included in monthly statistics.

<sup>r</sup> Revised figures.

.. Figures not available.

CATALOGUE No.

57-001

MONTHLY

## DOMINION BUREAU OF STATISTICS

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ELECTRIC POWER STATISTICS

JANUARY 1963

Total net generation by firms which generate a minimum of approximately 10 million kilowatt hours per annum increased by 0.6 per cent to 10,672,637 mwh. in January 1963 from 10,604,333 mwh. one year ago.

Industrial establishments increased their generation 1.2 per cent to 2,270,87 mwh. from 2,242,294 mwh. and utilities increased their generation 0.5 per cent to 8,402,350 mwh. from 8,362,039 mwh.

Exports decreased to 335,896 mwh. from 403,867 mwh. and imports increased to 64,530 mwh. from 238,032 mwh. in January 1962.

The amount made available for primary uses increased 3.1 per cent to 10,195,46 mwh. from 9,887,964 mwh. while the amount used in electric boilers decreased 6.3 per cent to 405,925 mwh. from 550,534 mwh. in 1962.

Total net generation for the twelve-month period ending January 31, 1963 amounted to 116,946,409 mwh.

Monthly electric power statistics are designed to provide current information on the production and consumption of electric energy in Canada. In order to expedite the collection and compilation of returns, the series is confined to firms which generate a minimum of 10 million kilowatt hours per annum. These firms, however, accounted for 99.6 per cent of total production in 1960.

In the electric power series, net generation is defined as total generation less the amount used in station service. The "net energy available in Canada" is the sum of net generation, plus imports, less exports. Some of the "amount made available" is sold as surplus or secondary power for use, for the most part, in electric boilers, which is the only form of secondary consumption that can be readily ascertained for all provinces. Energy used in electric boilers is deducted from the "available" in order to provide a figure approximating primary consumption.

Prepared in the Public Utilities Section  
Public Finance and Transportation Division

ch 1963  
6-506

TABLE 1. Electric Energy Statistics

January 1963

No.		thousand kwh.			
		Canada	Newfoundland	Prince Edward Island	Nova Scotia
	<u>January 1963</u>				
1	Net generation - Utilities: Hydro .....	6,614,501	101,787	-	79,488
2	Thermal .....	1,787,849	3,624	10,066	96,465
3	Totals .....	8,402,350	105,411	10,066	175,953
4	Industry: Hydro .....	2,057,952	29,893	-	3,623
5	Thermal .....	212,335	5,003	-	10,383
6	Totals .....	2,270,287	34,896	-	14,006
7	Total net generation .....	10,672,637	140,307	10,066	189,959
8	Energy imported: From other provinces .....	...	-	-	419
9	From United States .....	264,530	-	-	-
10	Totals .....	264,530	-	-	419
11	Energy exported: To other provinces .....	...	4,895	-	8,916
12	To United States - Primary .....	69,645	-	-	-
13	Secondary .....	266,251	-	-	-
14	Totals .....	335,896	4,895	-	8,916
15	Net energy available in Canada .....	10,601,271	135,412	10,066	181,462
16	Amount used in electric boilers .....	405,925	9,098	-	-
17	Net energy available, less amount used in boilers .....	10,195,346	126,314	10,066	181,462
	<u>January 1962<sup>r</sup></u>				
18	Total net generation .....	10,604,333	129,894	9,200	186,990
19	Total energy imported .....	238,032	-	-	18
20	Total energy exported .....	403,867	7,851	-	18,520
21	Net energy available in Canada .....	10,438,498	122,043	9,200	168,488
22	Amount used in electric boilers .....	550,534	2,264	-	-
23	Net energy available, less amount used in boilers .....	9,887,964	119,779	9,200	168,488

TABLE 2. Electric Energy Statistics, Cumulative Totals

		thousand kwh.			
24	Net generation - Utilities: Hydro .....				
25	Thermal .....				
26	Totals .....				
27	Industry: Hydro .....				
28	Thermal .....				
29	Totals .....				
30	Total net generation .....				
31	Energy imported: From other provinces .....				
32	From United States .....				
33	Totals .....				
34	Energy exported: To other provinces .....				
35	To United States - Primary .....				
36	Secondary .....				
37	Totals .....				
38	Net energy available in Canada .....				
39	Amount used in electric boilers .....				
40	Net energy available, less amount used in boilers .....				
41	Total net generation .....				
42	Total energy imported .....				
43	Total energy exported .....				
44	Net energy available in Canada .....				
45	Amount used in electric boilers .....				
46	Net energy available, less amount used in boilers .....				

... Figures not appropriate or not applicable.

<sup>r</sup> Revised figures.





TABLE 3. Electric Energy Made Available

January 1963

Month	Total net generation	Imports from United States	Exports to United States	Total made available in Canada	Amount used in electric boilers	Total made available less amount used in electric boilers	Daily average, total net generation
thousand kwh.							
January .....	10,672,637	264,530	335,896	10,601,271	405,925	10,195,346	344,278
February .....							
March .....							
April .....							
May .....							
June .....							
July .....							
August .....							
September .....							
October .....							
November .....							
December .....							
Year .....							

TABLE 4. Net Generation, 1951-63

CANADA

Year and month	Utilities			Industry			Grand total
	Hydro	Thermal	Total	Hydro	Thermal	Total	
thousand kwh.							
1951 .....	45,819,227	1,732,652	47,551,879	..	..	13,369,527	60,921,406
1952 .....	49,156,895	2,222,115	51,379,010	..	..	14,086,950	65,465,960
1953 .....	49,160,361	3,797,345	52,957,706	..	..	16,400,824	69,358,530
1954 .....	51,713,904	3,178,434	54,892,338	..	..	17,547,555	72,439,893
1955 .....	57,996,293	3,197,153	61,193,446	..	..	18,381,161	79,574,607
1956 .....	64,013,966	4,292,898	68,306,864	..	..	19,119,968	87,426,832
1957 .....	65,817,043	5,572,995	71,390,038	17,155,908	1,714,697	18,870,605	90,260,643
1958 .....	70,840,574	4,690,850	75,531,424	19,409,459	1,816,609	21,226,068	96,757,492
1959 .....	77,251,848	5,286,363	82,538,211	19,265,330	2,052,553	21,317,883	103,856,094
1960 .....	83,024,886	5,957,979	88,982,865	22,743,499	2,313,010	25,056,509	114,039,375
1961 .....	82,014,614	7,049,079	89,063,693	21,660,132	2,497,588	24,157,720	113,221,413
1962(1) .....	80,861,406	10,656,594 <sup>r</sup>	91,518,000 <sup>r</sup>	22,789,817	2,570,288	25,360,105	116,878,105 <sup>r</sup>
1963 .....							
1962 January .....	7,417,680	944,359	8,362,039	2,016,768	225,526	2,242,294	10,604,333
February .....	6,783,244	797,928	7,581,172	1,837,030	213,766	2,050,796	9,631,968
March .....	7,341,190	765,709	8,106,899	1,976,157	228,284	2,204,441	10,311,340
April .....	7,093,999	542,083	7,636,082	1,852,998	203,691	2,056,689	9,692,771
May .....	7,484,870	528,284	8,013,154	1,776,333	215,597	1,991,930	10,005,084
June .....	6,784,175	589,988	7,374,163	1,742,280	217,279	1,959,559	9,333,722
July .....	6,228,335	742,070	6,970,405	1,842,727	198,751	2,041,478	9,011,883
August .....	6,306,094	931,151	7,237,245	1,800,826	222,337	2,023,163	9,260,408
September .....	5,986,861	1,081,333	7,068,194	1,784,035	211,869	1,995,904	9,064,098
October .....	6,444,107	1,182,534	7,626,641	2,039,416	216,413	2,255,829	9,882,470
November .....	6,426,505	1,177,839 <sup>r</sup>	7,604,344 <sup>r</sup>	2,070,707	215,948	2,286,655	9,890,999 <sup>r</sup>
December .....	6,564,134	1,373,078	7,937,212	2,048,690	202,079	2,250,769	10,187,981
1963 January .....	6,614,501	1,787,849	8,402,350	2,057,952	212,335	2,270,287	10,672,637
February .....							
March .....							
April .....							
May .....							
June .....							
July .....							
August .....							
September .....							
October .....							
November .....							
December .....							

(1) Net Generation for year 1962 includes small revisions for the year which are not included in the monthly breakdown.

.. Figures not available.

<sup>r</sup> Revised figures.

CATALOGUE No.

57-001

MONTHLY

# DOMINION BUREAU OF STATISTICS

OTTAWA - CANADA

Published by Authority of the Minister of Trade and Commerce

Vol. 31, No. 2

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## ELECTRIC POWER STATISTICS

FEBRUARY 1963

Total net generation by firms which generate a minimum of approximately 10 million kilowatt hours per annum showed no appreciable difference from the 9,631,968 mwh. generated one year ago.

Industrial establishments decreased their generation 0.4 per cent to 2,042,690 mwh. from 2,050,796 mwh., and utilities increased their generation 0.4 per cent to 7,589,556 mwh. from 7,581,172 mwh. in February 1962; total generation was 9,632,246.

Exports decreased to 320,365 mwh. from 327,968 mwh. and imports increased to 144,302 mwh. from 216,267 mwh. in 1962.

The amount made available for primary uses increased 2.3 per cent to 9,181,58 mwh. from 8,975,172 mwh. while the amount used in electric boilers decreased 1.3 per cent to 374,425 mwh. from 545,095 mwh. in 1962.

Total net generation for the twelve-month period ending February 28, 1963 mounted to 117,024,058 mwh.

Monthly electric power statistics are designed to provide current information on the production and consumption of electric energy in Canada. In order to expedite the collection and compilation of returns, the series is confined to firms which generate a minimum of 10 million kilowatt hours per annum. These firms, however, accounted for 99.6 per cent of total production in 1960.

In the electric power series, net generation is defined as total generation less the amount used in station service. The "net energy available in Canada" is the sum of net generation, plus imports, less exports. Some of the "amount made available" is sold as surplus or secondary power for use, for the most part, in electric boilers, which is the only form of secondary consumption that can be readily ascertained for all provinces. Energy used in electric boilers is deducted from the "available" in order to provide a figure approximating primary consumption.

Prepared in the Public Utilities Section  
Public Finance and Transportation Division

April 1963  
106-506



TABLE 1. Electric Energy Statistics

February 1963

No.		thousand kwh.			
		Canada	Newfoundland	Prince Edward Island	Nova Scotia
	<u>February 1963</u>				
1	Net generation - Utilities: Hydro .....	6,002,556	92,371	-	78,031
2	Thermal .....	1,587,000	3,188	8,962	92,970
3	Totals .....	7,589,556	95,559	8,962	171,001
4	Industry: Hydro .....	1,837,229	23,151	-	3,572
5	Thermal .....	205,461	4,036	-	12,427
6	Totals .....	2,042,690	27,187	-	15,999
7	Total net generation .....	9,632,246	122,746	8,962	187,000
8	Energy imported: From other provinces .....	...	-	-	45
9	From United States .....	244,302	-	-	-
10	Totals .....	244,302	-	-	45
11	Energy exported: To other provinces .....	...	4,238	-	18,647
12	To United States - Primary .....	66,988	-	-	-
13	Secondary .....	253,377	-	-	-
14	Totals .....	320,365	4,238	-	18,647
15	Net energy available in Canada .....	9,556,183	118,508	8,962	168,398
16	Amount used in electric boilers .....	374,425	10,317	-	-
17	Net energy available, less amount used in boilers .....	9,181,758	108,191	8,962	168,398
	<u>February 1962</u>				
18	Total net generation .....	9,631,968	128,703	8,126	182,510
19	Total energy imported .....	216,267	-	-	10
20	Total energy exported .....	327,968	7,751	-	30,707
21	Net energy available in Canada .....	9,520,267	120,952	8,126	151,813
22	Amount used in electric boilers .....	545,095	9,355	-	-
23	Net energy available, less amount used in boilers .....	8,975,172	111,597	8,126	151,813

TABLE 2. Electric Energy Statistics, Cumulative Totals

		thousand kwh.			
		Canada	Newfoundland	Prince Edward Island	Nova Scotia
	<u>January - February 1963</u>				
24	Net generation - Utilities: Hydro .....	12,617,057	194,158	-	157,519
25	Thermal .....	3,374,849	6,812	19,028	189,435
26	Totals .....	15,991,906	200,970	19,028	346,954
27	Industry: Hydro .....	3,895,181	53,044	-	7,195
28	Thermal .....	423,681	9,039	-	28,695
29	Totals .....	4,318,862	62,083	-	35,890
30	Total net generation .....	20,310,768	263,053	19,028	382,844
31	Energy imported: From other provinces .....	...	-	-	464
32	From United States .....	508,832	-	-	-
33	Totals .....	508,832	-	-	464
34	Energy exported: To other provinces .....	...	9,133	-	27,563
35	To United States - Primary .....	136,633	-	-	-
36	Secondary .....	519,628	-	-	-
37	Totals .....	656,261	9,133	-	27,563
38	Net energy available in Canada .....	20,163,339	253,920	19,028	355,745
39	Amount used in electric boilers .....	780,350	19,415	-	-
40	Net energy available, less amount used in boilers .....	19,382,989	234,505	19,028	355,745
	<u>January - February 1962</u>				
41	Total net generation .....	20,236,301	258,597	17,326	369,500
42	Total energy imported .....	454,299	-	-	28
43	Total energy exported .....	731,835	15,602	-	49,227
44	Net energy available in Canada .....	19,958,765	242,995	17,326	320,301
45	Amount used in electric boilers .....	1,095,629	11,619	-	-
46	Net energy available, less amount used in boilers .....	18,863,136	231,376	17,326	320,301

... Figures not appropriate or not applicable.

TABLE 1. Electric Energy Statistics

February 1963

New Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Yukon and N.W.T.	No.
thousand kwh.								
44,610	2,660,390	2,053,356	384,647	53,470	42,314	581,635	11,732	1
60,227	96	897,647	12,432	185,134	298,609	25,657	2,078	2
104,837	2,660,486	2,951,003	397,079	238,604	340,923	607,292	13,810	3
2,173	1,153,967	96,059	4,562	5,899	-	544,643	3,203	4
42,535	23,336	45,313	-	2,240	30,834	44,740	-	5
44,708	1,177,303	141,372	4,562	8,139	30,834	589,383	3,203	6
149,545	3,837,789	3,092,375	401,641	246,743	371,757	1,196,675	17,013	7
20,699	44,180	401,496	84,162	5,553	2,535	-	-	8
1,740	70	241,330	-	-	-	1,162	-	9
22,439	44,250	642,826	84,162	5,553	2,535	1,162	-	10
45	403,444	68,216	5,657	55,888	-	2,535	-	11
12,435	1,268	53,166	2	-	-	117	-	12
3,870	15,903	232,515	-	-	-	1,089	-	13
16,350	420,615	353,897	5,659	55,888	-	3,741	-	14
155,634	3,461,424	3,381,304	480,144	196,408	374,292	1,194,096	17,013	15
-	274,650	41,503	16,365	1,400	-	25,992	4,198	16
155,634	3,186,774	3,339,801	463,779	195,008	374,292	1,168,104	12,815	17
126,584	4,227,704	2,860,205	344,437	230,446	350,209	1,155,540	17,504	18
34,446	9,651	756,943	83,693	889	2,024	1,350	-	19
11,695	578,795	312,947	890	54,409	-	3,413	-	20
149,335	3,658,560	3,304,201	427,240	176,826	352,233	1,153,477	17,504	21
-	443,467	59,332	26	-	-	28,180	4,735	22
149,335	3,215,093	3,244,869	427,214	176,826	352,233	1,125,297	12,769	23

TABLE 2. Electric Energy Statistics, Cumulative Totals

thousand kwh.								
116,760	5,533,790	4,336,877	810,472	112,479	99,593	1,229,151	26,258	24
119,626	193	1,892,668	31,269	403,966	643,449	63,915	4,488	25
236,386	5,533,983	6,229,545	841,741	516,445	743,042	1,293,066	30,746	26
6,097	2,442,334	203,561	9,589	9,449	-	1,157,330	6,582	27
84,260	48,692	94,452	-	6,026	58,320	94,197	-	28
90,357	2,491,026	298,013	9,589	15,475	58,320	1,251,527	6,582	29
326,743	8,025,009	6,527,558	851,330	531,920	801,362	2,544,593	37,328	30
31,880	92,677	827,101	174,710	11,962	4,351	-	-	31
3,557	137	502,467	-	-	-	2,671	-	32
35,437	92,814	1,329,568	174,710	11,962	4,351	2,671	-	33
464	831,178	141,095	12,202	117,159	-	4,351	-	34
26,278	2,670	107,396	4	-	-	285	-	35
8,858	34,355	473,895	-	-	-	2,520	-	36
35,600	868,203	722,386	12,206	117,159	-	7,156	-	37
326,580	7,249,620	7,134,740	1,013,834	426,723	805,713	2,540,108	37,328	38
-	575,486	83,373	31,366	1,547	-	59,462	9,701	39
326,580	6,674,134	7,051,367	982,468	425,176	805,713	2,480,646	27,627	40
287,143	8,820,807	6,041,816	738,960	485,642	738,210	2,441,341	36,959	41
56,661	19,543	1,587,340	173,266	1,844	3,795	2,814	-	42
28,297	1,211,155	696,776	1,851	113,181	-	6,738	-	43
315,507	7,629,195	6,932,380	910,375	374,305	742,005	2,437,417	36,959	44
14	887,146	122,305	785	-	-	63,529	10,231	45
315,493	6,742,049	6,810,075	909,590	374,305	742,005	2,373,888	26,728	46

TABLE 3. Electric Energy Made Available

January - February 1963

Month	Total net generation	Imports from United States	Exports to United States	Total made available in Canada	Amount used in electric boilers	Total made available less amount used in electric boilers	Daily average, total net generation
thousand kwh.							
January .....	10,678,522 <sup>r</sup>	264,530	335,896	10,607,156 <sup>r</sup>	405,925	10,201,231 <sup>r</sup>	344,468 <sup>r</sup>
February .....	9,632,246	244,302	320,365	9,556,183	374,425	9,181,758	344,009
March .....							
April .....							
May .....							
June .....							
July .....							
August .....							
September .....							
October .....							
November .....							
December .....							
Year .....							

TABLE 4. Net Generation, 1951-63

CANADA

Year and month	Utilities			Industry			Grand total
	Hydro	Thermal	Total	Hydro	Thermal	Total	
thousand kwh.							
1951 .....	45,819,227	1,732,652	47,551,879	..	..	13,369,527	60,921,406
1952 .....	49,156,895	2,222,115	51,379,010	..	..	14,086,950	65,465,960
1953 .....	49,160,361	3,797,345	52,957,706	..	..	16,400,824	69,358,530
1954 .....	51,713,904	3,178,434	54,892,338	..	..	17,547,555	72,439,893
1955 .....	57,996,293	3,197,153	61,193,446	..	..	18,381,161	79,574,607
1956 .....	64,013,966	4,292,898	68,306,864	..	..	19,119,968	87,426,832
1957 .....	65,817,043	5,572,995	71,390,038	17,155,908	1,714,697	18,870,605	90,260,643
1958 .....	70,840,574	4,690,850	75,531,424	19,409,459	1,816,609	21,226,068	96,757,492
1959 .....	77,251,848	5,286,363	82,538,211	19,265,330	2,052,553	21,317,883	103,856,094
1960 .....	83,024,886	5,957,979	88,982,865	22,743,499	2,313,010	25,056,509	114,039,375
1961 .....	82,014,614	7,049,079	89,063,693	21,660,132	2,497,588	24,157,720	113,221,413
1962(1) .....	80,861,406	10,781,660	91,643,066	22,789,817	2,641,774 <sup>r</sup>	25,431,591 <sup>r</sup>	116,949,591 <sup>r</sup>
1963 .....							
1962 January .....	7,417,680	944,359	8,362,039	2,016,768	225,526	2,242,294	10,604,333
February .....	6,783,244	797,928	7,581,172	1,837,030	213,766	2,050,796	9,631,968
March .....	7,341,190	765,709	8,106,899	1,976,157	228,284	2,204,441	10,311,340
April .....	7,093,999	542,083	7,636,082	1,852,998	203,691	2,056,689	9,692,771
May .....	7,484,870	528,284	8,013,154	1,776,333	215,597	1,991,930	10,005,084
June .....	6,784,175	589,988	7,374,163	1,742,280	217,279	1,959,559	9,333,722
July .....	6,228,335	742,070	6,970,405	1,842,727	198,751	2,041,478	9,011,883
August .....	6,306,094	931,151	7,237,245	1,800,826	222,337	2,023,163	9,260,408
September ....	5,986,861	1,081,333	7,068,194	1,784,035	211,869	1,995,904	9,064,098
October .....	6,444,107	1,182,534	7,626,641	2,039,416	216,413	2,255,829	9,882,470
November .....	6,426,505	1,302,905	7,729,410	2,070,707	215,948	2,286,655	10,016,065
December .....	6,564,134	1,373,078	7,937,212	2,048,690	202,079	2,250,769	10,187,981
1963 January .....	6,614,501	1,787,849	8,402,350	2,057,952	218,220 <sup>r</sup>	2,276,172 <sup>r</sup>	10,678,522 <sup>r</sup>
February .....	6,002,556	1,587,000	7,589,556	1,837,229	205,461	2,042,690	9,632,246
March .....							
April .....							
May .....							
June .....							
July .....							
August .....							
September ....							
October .....							
November .....							
December .....							

(1) Net generation for year 1962 includes small revisions for the year which are not included in the monthly breakdown.

Figures not available.

<sup>r</sup> Revised figures.



CATALOGUE No.

57-001

MONTHLY

# DOMINION BUREAU OF STATISTICS

OTTAWA - CANADA

Published by Authority of the Minister of Trade and Commerce

Vol. 31, No. 3

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## ELECTRIC POWER STATISTICS

MARCH 1963

Total net generation by firms, which generate a minimum of approximately 10 million kilowatt hours per annum was 10,299,043 mwh. in March and showed no appreciable change from the generation in March 1962.

Industrial establishments increased their generation 1.3 per cent to 2,233,263 mwh. from 2,204,441 mwh. and utilities decreased their generation 0.5 per cent to 8,065,780 mwh. from 8,106,899 mwh.

Exports decreased to 340,474 mwh. from 371,105 mwh. and imports increased to 250,369 mwh. from 227,620 mwh. in March 1962.

The amount made available for primary uses increased 2.4 per cent to 9,814,738 mwh. from 9,581,544 mwh. while the amount used in electric boilers decreased 32.8 per cent to 394,200 mwh. from 586,311 mwh. in 1962.

Total net generation for the twelve-month period ending March 31, 1963 amounted to 117,001,761 mwh.

Monthly electric power statistics are designed to provide current information on the production and consumption of electric energy in Canada. In order to expedite the collection and compilation of returns, the series is confined to firms which generate a minimum of 10 million kilowatt hours per annum. These firms, however, accounted to 99.6 per cent of total production in 1960.

In the electric power series, net generation is defined as total generation less the amount used in station service. The "net energy available in Canada" is the sum of net generation, plus imports, less exports. Some of the "amount made available" is sold as surplus or secondary power for use, for the most part, in electric boilers, which is the only form of secondary consumption that can be readily ascertained for all provinces. Energy used in electric boilers is deducted from the "available" in order to provide a figure approximating primary consumption.

Prepared in the Public Utilities Section  
Public Finance and Transportation Division

y 1963  
06-506

TABLE 1. Electric Energy Statistics

March 1963

No.		thousand kwh.			
		Canada	Newfoundland	Prince Edward Island	Nova Scotia
	March 1963				
1	Net generation - Utilities: Hydro .....	6,617,523	92,113	-	78,952
2	Thermal .....	1,448,257	2,955	9,350	104,312
3	Totals .....	8,065,780	95,068	9,350	183,264
4	Industry: Hydro .....	1,992,361	29,700	-	3,731
5	Thermal .....	240,902	6,164	-	13,481
6	Totals .....	2,233,263	35,864	-	17,212
7	Total net generation .....	10,299,043	130,932	9,350	200,476
8	Energy imported: From other provinces .....	...	-	-	19
9	From United States .....	250,369	-	-	-
10	Totals .....	250,369	-	-	19
11	Energy exported: To other provinces .....	...	4,402	-	19,946
12	To United States - Primary .....	71,195	-	-	-
13	Secondary .....	269,279	-	-	-
14	Totals .....	340,474	4,402	-	19,946
15	Net energy available in Canada .....	10,208,938	126,530	9,350	180,549
16	Amount used in electric boilers .....	394,200	7,871	-	-
17	Net energy available, less amount used in boilers .....	9,814,738	118,659	9,350	180,549
	March 1962				
18	Total net generation .....	10,311,340	141,083	8,479	194,511
19	Total energy imported .....	227,620	-	-	6
20	Total energy exported .....	371,105	7,603	-	29,543
21	Net energy available in Canada .....	10,167,855	133,480	8,479	164,974
22	Amount used in electric boilers .....	586,311	10,324	-	-
23	Net energy available, less amount used in boilers .....	9,581,544	123,156	8,479	164,974

TABLE 2. Electric Energy Statistics, Cumulative Totals

		thousand kwh.			
		Canada	Newfoundland	Prince Edward Island	Nova Scotia
	January - March 1963				
24	Net generation - Utilities: Hydro .....	19,234,580	286,271	-	236,471
25	Thermal .....	4,823,106	9,767	28,378	293,747
26	Totals .....	24,057,686	296,038	28,378	530,218
27	Industry: Hydro .....	5,887,542	82,744	-	10,926
28	Thermal .....	664,583	15,203	-	42,176
29	Totals .....	6,552,125	97,947	-	53,102
30	Total net generation .....	30,609,811	393,985	28,378	583,320
31	Energy imported: From other provinces .....	...	-	-	483
32	From United States .....	759,201	-	-	-
33	Totals .....	759,201	-	-	483
34	Energy exported: To other provinces .....	...	13,535	-	47,509
35	To United States - Primary .....	207,828	-	-	-
36	Secondary .....	788,907	-	-	-
37	Totals .....	996,735	13,535	-	47,509
38	Net energy available in Canada .....	30,372,277	380,450	28,378	536,294
39	Amount used in electric boilers .....	1,174,550	27,286	-	-
40	Net energy available, less amount used in boilers .....	29,197,727	353,164	28,378	536,294
	January - March 1962				
41	Total net generation .....	30,547,641	399,680	25,805	564,011
42	Total energy imported .....	681,919	-	-	34
43	Total energy exported .....	1,102,940	23,205	-	78,770
44	Net energy available in Canada .....	30,126,620	376,475	25,805	485,275
45	Amount used in electric boilers .....	1,681,940	21,943	-	-
46	Net energy available, less amount used in boilers .....	28,444,680	354,532	25,805	485,275

... Figures not appropriate or not applicable.

TABLE 1. Electric Energy Statistics

March 1963

New Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Yukon and N.W.T.	No.
thousand kwh.								
40,381	2,824,590	2,413,535	417,799	58,396	56,198	622,779	12,780	1
75,296	123	749,361	4,945	181,964	292,933	25,047	1,971	2
115,677	2,824,713	3,162,896	422,744	240,360	349,131	647,826	14,751	3
1,799	1,225,856	114,606	5,067	6,695	-	601,339	3,568	4
49,975	25,389	46,806	-	2,451	31,220	65,416	-	5
51,774	1,251,245	161,412	5,067	9,146	31,220	666,755	3,568	6
167,451	4,075,958	3,324,308	427,811	249,506	380,351	1,314,581	18,319	7
22,027	17,392	351,727	78,242	7,749	2,154	-	-	8
1,745	62	247,198	-	-	-	1,364	-	9
23,772	17,454	598,925	78,242	7,749	2,154	1,364	-	10
19	353,571	30,207	7,986	61,025	-	2,154	-	11
13,766	1,291	56,021	1	-	-	116	-	12
3,700	18,576	245,710	-	-	-	1,293	-	13
17,485	373,438	331,938	7,987	61,025	-	3,563	-	14
173,738	3,719,974	3,591,295	498,066	196,230	382,505	1,312,382	18,319	15
-	279,581	47,785	26,063	1,590	-	26,755	4,555	16
173,738	3,440,393	3,543,510	472,003	194,640	382,505	1,285,627	13,764	17
146,185	4,531,519	3,049,525	352,429	239,926	372,044	1,256,835	18,804	18
33,154	9,492	819,934	88,765	931	1,296	1,445	-	19
14,630	633,363	348,885	967	60,725	-	2,792	-	20
164,709	3,907,648	3,520,574	440,227	180,132	373,340	1,255,488	18,804	21
-	74,081	61,613	-	-	-	27,624	5,467	22
164,709	3,426,365	3,458,961	440,227	180,132	373,340	1,227,864	13,337	23

TABLE 2. Electric Energy Statistics, Cumulative Totals

thousand kwh.								
157,141	8,358,380	6,750,412	1,228,271	170,875	155,791	1,851,930	39,038	24
194,922	316	2,642,029	36,214	585,930	936,382	88,962	6,459	25
352,063	8,358,696	9,392,441	1,264,485	756,805	1,092,173	1,940,892	45,497	26
7,896	3,668,190	318,167	14,656	16,144	-	1,758,669	10,150	27
134,235	74,081	141,258	-	8,477	89,540	159,613	-	28
142,131	3,742,271	459,425	14,656	24,621	89,540	1,918,282	10,150	29
494,194	12,100,967	9,851,866	1,279,141	781,426	1,181,713	3,859,174	55,647	30
53,907	110,069	1,178,828	252,952	19,711	6,505	-	-	31
5,302	199	749,665	-	-	-	4,035	-	32
59,209	110,268	1,928,493	252,952	19,711	6,505	4,035	-	33
483	1,184,749	171,302	20,188	178,184	-	6,505	-	34
40,044	3,961	163,417	5	-	-	401	-	35
12,558	52,931	719,605	-	-	-	3,813	-	36
53,085	1,241,641	1,054,324	20,193	178,184	-	10,719	-	37
500,318	10,969,594	10,726,035	1,511,900	622,953	1,188,218	3,852,490	55,647	38
-	855,067	131,158	57,429	3,137	-	86,217	14,256	39
500,318	10,114,527	10,594,877	1,454,471	619,816	1,188,218	3,766,273	41,391	40
433,328	13,352,326	9,091,341	1,091,389	725,568	1,110,254	3,698,176	55,763	41
89,815	29,035	2,407,274	262,031	2,775	5,091	4,259	-	42
42,927	1,844,518	1,045,661	2,818	173,906	-	9,530	-	43
480,216	11,536,843	10,452,964	1,350,602	554,437	1,115,345	3,692,905	55,763	44
14	1,368,429	183,918	785	-	-	91,153	15,698	45
480,202	10,168,414	10,269,036	1,349,817	554,437	1,115,345	3,601,752	40,065	46



TABLE 3. Electric Energy Made Available

January - February 1963

Month	Total net generation	Imports from United States	Exports to United States	Total made available in Canada	Amount used in electric boilers	Total made available less amount used in electric boilers	Daily average, total net generation
				thousand kwh.			
January .....	10,678,522	264,530	335,896	10,607,156	405,925	10,201,231	344,468
February .....	9,632,246	244,302	320,365	9,556,183	374,425	9,181,758	344,009
March .....	10,299,043	250,369	340,474	10,208,938	394,200	9,814,738	332,227
April .....							
May .....							
June .....							
July .....							
August .....							
September .....							
October .....							
November .....							
December .....							
Year .....							

TABLE 4. Net Generation, 1951-63

CANADA

Year and month	Utilities			Industry			Grand total
	Hydro	Thermal	Total	Hydro	Thermal	Total	
	thousand kwh.						
1951 .....	45,819,227	1,732,652	47,551,879	..	..	13,369,527	60,921,406
1952 .....	49,156,895	2,222,115	51,379,010	..	..	14,086,950	65,465,960
1953 .....	49,160,361	3,797,345	52,957,706	..	..	16,400,824	69,358,530
1954 .....	51,713,904	3,178,434	54,892,338	..	..	17,547,555	72,439,893
1955 .....	57,996,293	3,197,153	61,193,446	..	..	18,381,161	79,574,607
1956 .....	64,013,966	4,292,898	68,306,864	..	..	19,119,968	87,426,832
1957 .....	65,817,043	5,572,995	71,390,038	17,155,908	1,714,697	18,870,605	90,260,643
1958 .....	70,840,574	4,690,850	75,531,424	19,409,459	1,816,609	21,226,068	96,757,492
1959 .....	77,251,848	5,286,363	82,538,211	19,265,330	2,052,553	21,317,883	103,856,094
1960 .....	83,024,886	5,957,979	88,982,865	22,743,499	2,313,010	25,056,509	114,039,375
1961 .....	82,014,614	7,049,079	89,063,693	21,660,132	2,497,588	24,157,720	113,221,413
1962(1) .....	80,861,406	10,781,660	91,643,066	22,789,817	2,641,774 <sup>r</sup>	25,431,591 <sup>r</sup>	116,949,591 <sup>r</sup>
1963 .....							
1962 January .....	7,417,680	944,359	8,362,039	2,016,768	225,526	2,242,294	10,604,333
February .....	6,783,244	797,928	7,581,172	1,837,030	213,766	2,050,796	9,631,968
March .....	7,341,190	765,709	8,106,899	1,976,157	228,284	2,204,441	10,311,340
April .....	7,093,999	542,083	7,636,082	1,852,998	203,691	2,056,689	9,692,771
May .....	7,484,870	528,284	8,013,154	1,776,333	215,597	1,991,930	10,005,084
June .....	6,784,175	589,988	7,374,163	1,742,280	217,279	1,959,559	9,333,722
July .....	6,228,335	742,070	6,970,405	1,842,727	198,751	2,041,478	9,011,883
August .....	6,306,094	931,151	7,237,245	1,800,826	222,337	2,023,163	9,260,408
September .....	5,986,861	1,081,333	7,068,194	1,784,035	211,869	1,995,904	9,064,098
October .....	6,444,107	1,182,534	7,626,641	2,039,416	216,413	2,255,829	9,882,470
November .....	6,426,505	1,302,905	7,729,410	2,070,707	215,948	2,286,655	10,016,065
December .....	6,564,134	1,373,078	7,937,212	2,048,690	202,079	2,250,769	10,187,981
1963 January .....	6,614,501	1,787,849	8,402,350	2,057,952	218,220	2,276,172	10,678,522
February .....	6,002,556	1,587,000	7,589,556	1,837,229	205,461	2,042,690	9,632,246
March .....	6,617,523	1,448,257	8,065,780	1,992,361	240,902	2,233,263	10,299,043
April .....							
May .....							
June .....							
July .....							
August .....							
September .....							
October .....							
November .....							
December .....							

(1) Net Generation for year 1962 includes small revisions for the year which are not included in the monthly breakdown.

.. Figures not available.

<sup>r</sup> Revised figures.

CATALOGUE No.

57-001

MONTHLY

## DOMINION BUREAU OF STATISTICS

OTTAWA - CANADA

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ELECTRIC POWER STATISTICS

APRIL 1963

Total net generation by firms which generate a minimum of approximately 10 million kilowatt hours per annum increased by 5.7 per cent to 10,243,137 mwh. in April 1963 from 9,692,771 mwh. generated one year ago.

Industrial establishments increased their generation 5.2 per cent to 2,164,114 mwh. from 2,056,689 mwh. and utilities increased their generation 5.8 per cent to 8,079,023 mwh. from 7,636,082 mwh.

Exports decreased to 298,297 mwh. from 399,405 mwh. and imports decreased to 191,862 mwh. from 193,686 mwh. in April 1962.

The amount made available for primary uses increased 8.8 per cent to 9,726,354 mwh. from 8,935,515 mwh. while the amount used in electric boilers decreased 25.6 per cent to 410,348 mwh. from 551,537 mwh. in 1962.

Total net generation for the twelve-month period ending April 30, 1963 amounted to 117,622,445 mwh.

Monthly electric power statistics are designed to provide current information on the production and consumption of electric energy in Canada. In order to expedite the collection and compilation of returns, the series is confined to firms which generate a minimum of 10 million kilowatt hours per annum. These firms, however, accounted for 99.6 per cent of total production in 1960.

In the electric power series, net generation is defined as total generation less the amount used in station service. The "net energy available in Canada" is the sum of net generation, plus imports, less exports. Some of the "amount made available" is sold as surplus or secondary power for use, for the most part, in electric boilers, which is the only form of secondary consumption that can be readily ascertained for all provinces. Energy used in electric boilers is deducted from the "available" in order to provide a figure approximating primary consumption.

Prepared in the Public Utilities Section  
Public Finance and Transportation Division

ne 1963  
06-506

TABLE 1. Electric Energy Statistics

April 1963

No.		thousand kwh.			
		Canada	Newfoundland	Prince Edward Island	Nova Scotia
	<u>April 1963</u>				
1	Net generation - Utilities: Hydro .....	6,751,453	107,180	-	74,077
2	Thermal .....	1,327,570	2,606	8,598	439,409
3	Totals .....	8,079,023	109,786	8,598	513,486
4	Industry: Hydro .....	1,934,008	30,010	-	3,544
5	Thermal .....	230,106	5,113	-	18,948
6	Totals .....	2,164,114	35,123	-	22,492
7	Total net generation .....	10,243,137	144,909	8,598	535,978
8	Energy imported: From other provinces .....	...	-	-	5,459
9	From United States .....	191,862	-	-	-
10	Totals .....	191,862	-	-	5,459
11	Energy exported: To other provinces .....	...	4,611	-	2,308
12	To United States - Primary .....	68,456	-	-	-
13	Secondary .....	229,841	-	-	-
14	Totals .....	298,297	4,611	-	2,308
15	Net energy available in Canada .....	10,136,702	140,298	8,598	539,129
16	Amount used in electric boilers .....	410,348	7,153	-	-
17	Net energy available, less amount used in boilers .....	9,726,354	133,145	8,598	539,129
	<u>April 1962<sup>r</sup></u>				
18	Total net generation .....	9,692,771	121,158	7,612	149,877
19	Total energy imported .....	193,686	-	-	4,481
20	Total energy exported .....	399,405	4,592	-	1,707
21	Net energy available in Canada .....	9,487,052	116,566	7,612	152,651
22	Amount used in electric boilers .....	551,537	2,270	-	-
23	Net energy available, less amount used in boilers .....	8,935,515	114,296	7,612	152,651

TABLE 2. Electric Energy Statistics, Cumulative Totals

		thousand kwh.			
		Canada	Newfoundland	Prince Edward Island	Nova Scotia
	<u>January - April 1963</u>				
24	Net generation - Utilities: Hydro .....	26,046,351	452,382	-	310,548
25	Thermal .....	6,150,676	12,373	36,976	733,156
26	Totals .....	32,197,027	464,755	36,976	1,043,704
27	Industry: Hydro .....	7,821,550	112,754	-	14,470
28	Thermal .....	894,689	20,316	-	61,124
29	Totals .....	8,716,239	133,070	-	75,594
30	Total net generation .....	40,913,266	597,825	36,976	1,119,298
31	Energy imported: From other provinces .....	...	-	-	5,942
32	From United States .....	951,063	-	-	-
33	Totals .....	951,063	-	-	5,942
34	Energy exported: To other provinces .....	...	18,146	-	49,817
35	To United States - Primary .....	276,284	-	-	-
36	Secondary .....	1,018,748	-	-	-
37	Totals .....	1,295,032	18,146	-	49,817
38	Net energy available in Canada .....	40,569,297	579,679	36,976	1,075,423
39	Amount used in electric boilers .....	1,584,898	34,439	-	-
40	Net energy available, less amount used in boilers .....	38,984,399	545,240	36,976	1,075,423
	<u>January - April 1962<sup>r</sup></u>				
41	Total net generation .....	40,240,412	520,838	33,417	713,888
42	Total energy imported .....	875,605	-	-	4,515
43	Total energy exported .....	1,502,345	27,797	-	80,477
44	Net energy available in Canada .....	39,613,672	493,041	33,417	637,926
45	Amount used in electric boilers .....	2,233,477	24,213	-	-
46	Net energy available, less amount used in boilers .....	37,380,195	468,828	33,417	637,926

... Figures not appropriate or not applicable.

<sup>r</sup> Revised figures.



TABLE 1. Electric Energy Statistics

April 1963

New Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Yukon and N.W.T.	No.
thousand kwh.								
107,188	2,888,089	2,521,841	390,289	53,469	36,677	561,323	11,320	1
31,591	36	367,954	2,359	162,385	278,732	32,132	1,768	2
138,779	2,888,125	2,889,795	392,648	215,854	315,409	593,455	13,088	3
3,722	1,179,310	126,837	4,789	5,924	-	576,779	3,093	4
47,080	25,556	44,886	-	3,198	27,363	57,962	-	5
50,802	1,204,866	171,723	4,789	9,122	27,363	634,741	3,093	6
189,581	4,092,991	3,061,518	397,437	224,976	342,772	1,228,196	16,181	7
4,328	9,507	409,827	69,700	9,257	3,926	-	-	8
1,198	59	189,083	-	-	-	1,522	-	9
5,526	9,566	598,910	69,700	9,257	3,926	1,522	-	10
5,459	411,407	17,768	9,697	56,828	-	3,926	-	11
15,473	1,209	51,628	1	-	-	145	-	12
8,114	18,828	201,517	-	-	-	1,382	-	13
29,046	431,444	270,913	9,698	56,828	-	5,453	-	14
166,061	3,671,113	3,389,515	457,439	177,405	346,698	1,224,265	16,181	15
-	301,503	47,054	25,661	1,222	-	23,671	4,084	16
166,061	3,369,610	3,342,461	431,778	176,183	346,698	1,200,594	12,097	17
175,173	4,307,031	2,863,243	345,805	200,868	308,732	1,197,328	15,944	18
4,534	6,193	780,242	65,221	2,577	3,753	1,422	-	19
27,971	616,653	359,506	2,851	55,602	-	5,260	-	20
151,736	3,696,571	3,283,979	408,175	147,843	312,485	1,193,490	15,944	21
269	454,717	62,621	8,037	-	-	19,385	4,238	22
151,467	3,241,854	3,221,358	400,138	147,843	312,485	1,174,105	11,706	23

TABLE 2. Electric Energy Statistics, Cumulative Totals

thousand kwh.								
264,329	11,247,856	9,272,253	1,618,560	224,344	192,468	2,413,253	50,358	24
226,513	352	3,009,983	38,573	748,315	1,215,114	121,094	8,227	25
490,842	11,248,208	12,282,236	1,657,133	972,659	1,407,582	2,534,347	58,585	26
11,618	4,847,500	445,004	19,445	22,068	-	2,335,448	13,243	27
181,315	99,637	186,144	-	11,675	116,903	217,575	-	28
192,933	4,947,137	631,148	19,445	33,743	116,903	2,553,023	13,243	29
683,775	16,195,345	12,913,384	1,676,578	1,006,402	1,524,485	5,087,370	71,828	30
58,235	119,576	1,588,655	322,652	28,968	10,431	-	-	31
6,500	258	938,748	-	-	-	5,557	-	32
64,735	119,834	2,527,403	322,652	28,968	10,431	5,557	-	33
5,942	1,596,156	189,070	29,885	235,012	-	10,431	-	34
55,517	5,170	215,045	6	-	-	546	-	35
20,672	71,759	921,122	-	-	-	5,195	-	36
82,131	1,673,085	1,325,237	29,891	235,012	-	16,172	-	37
666,379	14,642,094	14,115,550	1,969,339	800,358	1,534,916	5,076,755	71,828	38
-	1,156,570	178,212	83,090	4,359	-	109,888	18,340	39
666,379	13,485,524	13,937,338	1,886,249	795,999	1,534,916	4,966,867	53,488	40
608,501	17,659,357	11,954,584	1,437,194	926,436	1,418,986	4,895,504	71,707	41
94,349	35,228	3,187,516	327,252	5,352	8,844	5,681	-	42
70,898	2,461,171	1,405,167	5,669	229,508	-	14,790	-	43
631,952	15,233,414	13,736,933	1,758,777	702,280	1,427,830	4,886,395	71,707	44
283	1,823,146	246,539	8,822	-	-	110,538	19,936	45
631,669	13,410,268	13,490,394	1,749,955	702,280	1,427,830	4,775,857	51,771	46

TABLE 3. Electric Energy Made Available

January - April 1963

Month	Total net generation	Imports from United States	Exports to United States	Total made available in Canada	Amount used in electric boilers	Total made available less amount used in electric boilers	Daily average, total net generation
thousand kwh.							
January .....	10,698,072 <sup>r</sup>	264,530	335,896	10,626,706 <sup>r</sup>	405,925	10,220,781 <sup>r</sup>	345,099
February .....	9,651,087 <sup>r</sup>	244,302	320,365	9,575,024 <sup>r</sup>	374,425	9,200,599 <sup>r</sup>	344,682 <sup>r</sup>
March .....	10,320,970 <sup>r</sup>	250,369	340,474	10,230,865 <sup>r</sup>	394,200	9,836,665 <sup>r</sup>	332,935 <sup>r</sup>
April .....	10,243,137	191,862	298,297	10,136,702	410,348	9,726,354	341,438
May .....							
June .....							
July .....							
August .....							
September .....							
October .....							
November .....							
December .....							
Year .....							

TABLE 4. Net Generation, 1951-63

CANADA

Year and month	Utilities			Industry			Grand total
	Hydro	Thermal	Total	Hydro	Thermal	Total	
	thousand kwh.						
1951 .....	45,819,227	1,732,652	47,551,879	..	..	13,369,527	60,921,406
1952 .....	49,156,895	2,222,115	51,379,010	..	..	14,086,950	65,465,960
1953 .....	49,160,361	3,797,345	52,957,706	..	..	16,400,824	69,358,530
1954 .....	51,713,904	3,178,434	54,892,338	..	..	17,547,555	72,439,893
1955 .....	57,996,293	3,197,153	61,193,446	..	..	18,381,161	79,574,607
1956 .....	64,013,966	4,292,898	68,306,864	..	..	19,119,968	87,426,832
1957 .....	65,817,043	5,572,995	71,390,038	17,155,908	1,714,697	18,870,605	90,260,643
1958 .....	70,840,574	4,690,850	75,531,424	19,409,459	1,816,609	21,226,068	96,757,492
1959 .....	77,251,848	5,286,363	82,538,211	19,265,330	2,052,553	21,317,883	103,856,094
1960 .....	83,024,886	5,957,979	88,982,865	22,743,499	2,313,010	25,056,509	114,039,375
1961 .....	82,014,614	7,049,079	89,063,693	21,660,132	2,497,588	24,157,720	113,221,413
1962(1) .....	80,861,406	10,781,660	91,643,066	22,789,817	2,570,288	25,360,105	117,003,171
1963 .....							
1962 January .....	7,417,680	944,359	8,362,039	2,016,768	225,526	2,242,294	10,604,333
February .....	6,783,244	797,928	7,581,172	1,837,030	213,766	2,050,796	9,631,968
March .....	7,341,190	765,709	8,106,899	1,976,157	228,284	2,204,441	10,311,340
April .....	7,093,999	542,083	7,636,082	1,852,998	203,691	2,056,689	9,692,771
May .....	7,484,870	528,284	8,013,154	1,776,333	215,597	1,991,930	10,005,084
June .....	6,784,175	589,988	7,374,163	1,742,280	217,279	1,959,559	9,333,722
July .....	6,228,335	742,070	6,970,405	1,842,727	198,751	2,041,478	9,011,883
August .....	6,306,094	931,151	7,237,245	1,800,826	222,337	2,023,163	9,260,408
September .....	5,986,861	1,081,333	7,068,194	1,784,035	211,869	1,995,904	9,064,098
October .....	6,444,107	1,182,534	7,626,641	2,039,416	216,413	2,255,829	9,882,470
November .....	6,426,505	1,302,905	7,729,410	2,070,707	215,948	2,286,655	10,016,065
December .....	6,564,134	1,373,078	7,937,212	2,048,690	202,079	2,250,769	10,187,981
1963 January .....	6,634,051 <sup>r</sup>	1,787,849	8,421,900 <sup>r</sup>	2,057,952	218,220	2,276,172	10,698,072 <sup>r</sup>
February .....	6,021,397 <sup>r</sup>	1,587,000	7,608,397 <sup>r</sup>	1,837,229	205,461	2,042,690	9,651,087 <sup>r</sup>
March .....	6,639,450 <sup>r</sup>	1,448,257	8,087,707 <sup>r</sup>	1,992,361	240,902	2,233,263	10,320,970 <sup>r</sup>
April .....	6,751,453	1,327,570	8,079,023	1,934,008	230,106	2,164,114	10,243,137
May .....							
June .....							
July .....							
August .....							
September .....							
October .....							
November .....							
December .....							

(1) Net Generation for year 1962 includes small revisions for the year which are not included in the monthly breakdown.

.. Figures not available.

<sup>r</sup> Revised figures.

CATALOGUE No.

57-001

MONTHLY

Canada. Statistics, Bureau of  
**DOMINION BUREAU OF STATISTICS**

OTTAWA - CANADA

Published by Authority of the Minister of Trade and Commerce

Vol. 31, No. 5

ELECTRIC POWER STATISTICS

MAY 1963

Price: \$1.00 per year

JUL 19 1963

UNIVERSITY OF MONTREAL

Total net generation by firms which generate a minimum of approximately 10 million kilowatt hours per annum increased by 1.7 per cent to 10,176,982 mwh. in May 1963 from 10,005,084 mwh. generated one year ago.

Industrial establishments increased their generation 8.8 per cent to 2,167,399 mwh. from 1,991,930 mwh. and utilities showed no appreciable change, producing 8,009,583 mwh. compared to 8,013,154 mwh. in May of last year.

Exports decreased to 324,101 mwh. from 441,381 mwh. and imports increased to 206,200 mwh. from 169,159 mwh. in May 1962.

The amount made available for primary uses increased 3.4 per cent to 9,612,743 mwh. from 9,159,490 mwh. while the amount used in electric boilers decreased 22.2 per cent to 446,338 mwh. from 573,372 mwh. in 1962.

Total net generation for the five-month period ending May 31, 1963 amounted to 50,723,998 mwh. compared to 50,245,496 mwh. for the same period in 1962, an increase of 1.0 per cent.

Monthly electric power statistics are designed to provide current information on the production and consumption of electric energy in Canada. In order to expedite the collection and compilation of returns, the series is confined to firms which generate a minimum of 10 million kilowatt hours per annum. These firms, however, accounted for 99.6 per cent of total production in 1960.

In the electric power series, net generation is defined as total generation less the amount used in station service. The "net energy available in Canada" is the sum of net generation, plus imports, less exports. Some of the "amount made available" is sold as surplus or secondary power for use, for the most part, in electric boilers, which is the only form of secondary consumption that can be readily ascertained for all provinces. Energy used in electric boilers is deducted from the "available" in order to provide a figure approximating primary consumption.

Prepared in the Public Utilities Section  
Public Finance and Transportation Division

July 1963  
506-506



TABLE 1. Electric Energy Statistics

May 1963

No.		Canada	Newfoundland	Prince Edward Island	Nova Scotia
		thousand kwh.			
	<u>May 1963</u>				
1	Net generation - Utilities: Hydro .....	7,203,807	129,573	-	76,237
2	Thermal .....	805,776	2,351	8,259	69,182
3	Totals .....	8,009,583	131,924	8,259	145,419
4	Industry: Hydro .....	1,934,545	34,154	-	3,861
5	Thermal .....	232,854	4,811	-	18,636
6	Totals .....	2,167,399	38,965	-	22,497
7	Total net generation .....	10,176,982	170,889	8,259	167,916
8	Energy imported: From other provinces .....	...	-	-	4,690
9	From United States .....	206,200	-	-	-
10	Totals .....	206,200	-	-	4,690
11	Energy exported: To other provinces .....	...	6,810	-	1,654
12	To United States - Primary .....	71,366	-	-	-
13	Secondary .....	252,735	-	-	-
14	Totals .....	324,101	6,810	-	1,654
15	Net energy available in Canada .....	10,059,081	164,079	8,259	170,952
16	Amount used in electric boilers .....	446,338	9,365	-	-
17	Net energy available, less amount used in boilers .....	9,612,743	154,714	8,259	170,952
	<u>May 1962<sup>r</sup></u>				
18	Total net generation .....	10,005,084	141,591	7,409	136,862
19	Total energy imported .....	169,159	-	-	23,683
20	Total energy exported .....	441,381	5,306	-	876
21	Net energy available in Canada .....	9,732,862	136,285	7,409	159,669
22	Amount used in electric boilers .....	573,372	14,066	-	-
23	Net energy available, less amount used in boilers .....	9,159,490	122,219	7,409	159,669

TABLE 2. Electric Energy Statistics, Cumulative Totals

		thousand kwh.			
		<u>January - May 1963</u>			
24	Net generation - Utilities: Hydro .....	33,250,158	581,955	-	386,785
25	Thermal .....	6,590,202 <sup>r</sup>	14,724	45,235	435,584 <sup>r</sup>
26	Totals .....	39,840,360 <sup>r</sup>	596,679	45,235	822,369 <sup>r</sup>
27	Industry: Hydro .....	9,756,095	146,908	-	18,331
28	Thermal .....	1,127,543	25,127	-	79,760
29	Totals .....	10,883,638	172,035	-	98,091
30	Total net generation .....	50,723,998 <sup>r</sup>	768,714	45,235	920,460 <sup>r</sup>
31	Energy imported: From other provinces .....	...	-	-	10,632
32	From United States .....	1,157,263	-	-	-
33	Totals .....	1,157,263	-	-	10,632
34	Energy exported: To other provinces .....	...	24,956	-	51,471
35	To United States - Primary .....	347,650	-	-	-
36	Secondary .....	1,271,483	-	-	-
37	Totals .....	1,619,133	24,956	-	51,471
38	Net energy available in Canada .....	50,262,128 <sup>r</sup>	743,758	45,235	879,621 <sup>r</sup>
39	Amount used in electric boilers .....	2,031,236	43,804	-	-
40	Net energy available, less amount used in boilers .....	48,230,892 <sup>r</sup>	699,954	45,235	879,621 <sup>r</sup>
	<u>January - May 1962<sup>r</sup></u>				
41	Total net generation .....	50,245,496	662,429	40,826	850,750
42	Total energy imported .....	1,044,764	-	-	28,198
43	Total energy exported .....	1,943,726	33,103	-	81,353
44	Net energy available in Canada .....	49,346,534	629,326	40,826	797,595
45	Amount used in electric boilers .....	2,806,849	38,279	-	-
46	Net energy available, less amount used in boilers .....	46,539,685	591,047	40,826	797,595

... Figures not appropriate or not applicable.

<sup>r</sup> Revised figures.

TABLE 1. Electric Energy Statistics

May 1963

New Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Yukon and N.W.T.	No.
thousand kwh.								
122,148	3,189,698	2,606,316	394,683	54,665	55,119	564,158	11,210	1
24,553	48	247,242	1,376	168,562	260,672	21,688	1,843	2
146,701	3,189,746	2,853,558	396,059	223,227	315,791	585,846	13,053	3
8,520	1,143,505	135,726	4,578	6,744	-	593,419	4,038	4
41,010	25,336	46,128	-	2,532	31,224	63,177	-	5
49,530	1,168,841	181,854	4,578	9,276	31,224	656,596	4,038	6
196,231	4,358,587	3,035,412	400,637	232,503	347,015	1,242,442	17,091	7
3,517	8,662	502,588	64,525	5,850	4,547	-	-	8
1,192	56	203,284	-	-	-	1,668	-	9
4,709	8,718	705,872	64,525	5,850	4,547	1,668	-	10
4,690	504,087	9,004	6,214	57,373	-	4,547	-	11
14,858	1,195	55,178	1	-	-	134	-	12
8,538	20,025	222,570	-	-	-	1,602	-	13
28,086	525,307	286,752	6,215	57,373	-	6,283	-	14
172,854	3,841,998	3,454,532	458,947	180,980	351,562	1,237,827	17,091	15
311	339,411	52,595	20,133	1,778	-	18,748	3,997	16
172,543	3,502,587	3,401,937	438,814	179,202	351,562	1,219,079	13,094	17
205,950	4,417,851	2,977,907	371,614	206,917	319,196	1,203,593	16,194	18
3,675	7,056	746,980	62,118	6,267	4,098	1,255	-	19
48,326	608,764	395,959	6,755	55,936	-	5,432	-	20
161,299	3,816,143	3,328,928	426,977	157,248	323,294	1,199,416	16,194	21
181	474,509	46,113	17,565	-	-	17,131	3,807	22
161,118	3,341,634	3,282,815	409,412	157,248	323,294	1,182,285	12,387	23

TABLE 2. Electric Energy Statistics, Cumulative Totals

thousand kwh.								
386,477	14,437,554	11,878,569	2,013,243	279,009	247,587	2,977,411	61,568	24
251,066	400	3,257,225	39,949	916,877	1,475,786	142,782	10,574 <sup>F</sup>	25
637,543	14,437,954	15,135,794	2,053,192	1,195,886	1,723,373	3,120,193	72,142 <sup>F</sup>	26
20,138	5,991,005	580,730	24,023	28,812	-	2,928,867	17,281	27
222,325	124,973	232,272	-	14,207	148,127	280,752	-	28
242,463	6,115,978	813,002	24,023	43,019	148,127	3,209,619	17,281	29
880,006	20,553,932	15,948,796	2,077,215	1,238,905	1,871,500	6,329,812	89,423 <sup>r</sup>	30
61,752	128,238	2,091,243	387,177	34,818	14,978	-	-	31
7,692	314	1,142,032	-	-	-	7,225	-	32
69,444	128,552	3,233,275	387,177	34,818	14,978	7,225	-	33
10,632	2,100,243	198,074	36,099	292,385	-	14,978	-	34
70,375	6,365	270,223	7	-	-	680	-	35
29,210	91,784	1,143,692	-	-	-	6,797	-	36
110,217	2,198,392	1,611,989	36,106	292,385	-	22,455	-	37
839,233	18,484,092	17,570,082	2,428,286	981,338	1,886,478	6,314,582	89,423 <sup>r</sup>	38
311	1,495,981	230,807	103,223	6,137	-	128,636	22,337	39
838,922	16,988,111	17,339,275	2,325,063	975,201	1,886,478	6,185,946	67,086 <sup>r</sup>	40
814,451	22,077,208	14,932,491	1,808,808	1,133,353	1,738,182	6,099,097	87,901	41
98,024	42,284	3,934,496	389,370	11,619	12,942	6,936	-	42
119,224	3,069,935	1,801,126	12,424	285,444	-	20,222	-	43
793,251	19,049,557	17,065,861	2,185,754	859,528	1,751,124	6,085,811	87,901	44
464	2,297,655	292,652	26,387	-	-	127,669	23,743	45
792,787	16,751,902	16,773,209	2,159,367	859,528	1,751,124	5,958,142	64,158	46

TABLE 3. Electric Energy Made Available

January - May 1963

Month	Total net generation	Imports from United States	Exports to United States	Total made available in Canada	Amount used in electric boilers	Total made available less amount used in electric boilers	Daily average, total net generation
				thousand kwh.			
January .....	10,698,072	264,530	335,896	10,626,706	405,925	10,220,781	345,091
February .....	9,651,087	244,302	320,365	9,575,024	374,425	9,200,599	344,681
March .....	10,321,246 <sup>r</sup>	250,369	340,474	10,231,141 <sup>r</sup>	394,200	9,836,941 <sup>r</sup>	332,943 <sup>r</sup>
April .....	9,876,611 <sup>r</sup>	191,862	298,297	9,770,176 <sup>r</sup>	410,348	9,359,828 <sup>r</sup>	329,220 <sup>r</sup>
May .....	10,176,982	206,200	324,101	10,059,081	446,338	9,612,743	328,290
June .....							
July .....							
August .....							
September .....							
October .....							
November .....							
December .....							
Year .....							

TABLE 4. Net Generation, 1951-63

CANADA

Year and month	Utilities			Industry			Grand total
	Hydro	Thermal	Total	Hydro	Thermal	Total	
				thousand kwh.			
1951 .....	45,819,227	1,732,652	47,551,879	..	..	13,369,527	60,921,406
1952 .....	49,156,895	2,222,115	51,379,010	..	..	14,086,950	65,465,960
1953 .....	49,160,361	3,797,345	52,957,706	..	..	16,400,824	69,358,530
1954 .....	51,713,904	3,178,434	54,892,338	..	..	17,547,555	72,439,893
1955 .....	57,996,293	3,197,153	61,193,446	..	..	18,381,161	79,574,607
1956 .....	64,013,966	4,292,898	68,306,864	..	..	19,119,968	87,426,832
1957 .....	65,817,043	5,572,995	71,390,038	17,155,908	1,714,697	18,870,605	90,260,643
1958 .....	70,840,574	4,690,850	75,531,424	19,409,459	1,816,609	21,226,068	96,757,492
1959 .....	77,251,848	5,286,363	82,538,211	19,265,330	2,052,553	21,317,883	103,856,094
1960 .....	83,024,886	5,957,979	88,982,865	22,743,499	2,313,010	25,056,509	114,039,375
1961 .....	82,014,614	7,049,079	89,063,693	21,660,132	2,497,588	24,157,720	113,221,413
1962(1) .....	80,861,406	10,781,660	91,643,066	22,789,817	2,570,288	25,360,105	117,003,171
1963 .....							
1962 January .....	7,417,680	944,359	8,362,039	2,016,768	225,526	2,242,294	10,604,333
February .....	6,783,244	797,928	7,581,172	1,837,030	213,766	2,050,796	9,631,968
March .....	7,341,190	765,709	8,106,899	1,976,157	228,284	2,204,441	10,311,340
April .....	7,093,999	542,083	7,636,082	1,852,998	203,691	2,056,689	9,692,771
May .....	7,484,870	528,284	8,013,154	1,776,333	215,597	1,991,930	10,005,084
June .....	6,784,175	589,988	7,374,163	1,742,280	217,279	1,959,559	9,333,722
July .....	6,228,335	742,070	6,970,405	1,842,727	198,751	2,041,478	9,011,883
August .....	6,306,094	931,151	7,237,245	1,800,826	222,337	2,023,163	9,260,408
September .....	5,986,861	1,081,333	7,068,194	1,784,035	211,869	1,995,904	9,064,098
October .....	6,444,107	1,182,534	7,626,641	2,039,416	216,413	2,255,829	9,882,470
November .....	6,426,505	1,302,905	7,729,410	2,070,707	215,948	2,286,655	10,016,065
December .....	6,564,134	1,373,078	7,937,212	2,048,690	202,079	2,250,769	10,187,981
1963 January .....	6,634,051	1,787,849	8,421,900	2,057,952	218,220	2,276,172	10,698,072
February .....	6,021,397	1,587,000	7,608,397	1,837,229	205,461	2,042,690	9,651,087
March .....	6,639,450	1,448,533 <sup>r</sup>	8,087,983 <sup>r</sup>	1,992,361	240,902	2,233,263	10,321,246 <sup>r</sup>
April .....	6,751,453	961,044 <sup>r</sup>	7,712,497 <sup>r</sup>	1,934,008	230,106	2,164,114	9,876,611 <sup>r</sup>
May .....	7,203,807	805,776	8,009,583	1,934,545	232,854	2,167,399	10,176,982
June .....							
July .....							
August .....							
September .....							
October .....							
November .....							
December .....							

(1) Net Generation for year 1962 includes small revisions for the year which are not included in the monthly breakdown.

<sup>r</sup> Figures not available.

<sup>r</sup> Revised figures.



CATALOGUE No.

57-001

MONTHLY

# DOMINION BUREAU OF STATISTICS

OTTAWA - CANADA

AUG 23

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## ELECTRIC POWER STATISTICS

JUNE 1963

Total net generation by firms which generate a minimum of approximately 10 million kilowatt hours per annum increased by 1.3 per cent to 9,455,092 mwh. in June 1963 from 9,333,722 mwh. generated one year ago.

Industrial establishments increased their generation 3.7 per cent to 2,031,638 mwh. from 1,959,559 mwh. and utilities increased their generation 0.7 per cent to 7,423,454 mwh. from 7,374,163 mwh.

Exports decreased to 315,055 mwh. from 381,023 mwh. and imports increased to 239,210 mwh. from 220,816 mwh. in June 1962.

The amount made available for primary uses increased 4.3 per cent to 9,074,597 mwh. from 8,702,278 mwh. while the amount used in electric boilers decreased 35.4 per cent to 304,650 mwh. from 471,237 mwh. in 1962.

Total net generation for the twelve-month period ending June 30, 1963 amounted to 117,549,463 mwh.

Monthly electric power statistics are designed to provide current information on the production and consumption of electric energy in Canada. In order to expedite the collection and compilation of returns, the series is confined to firms which generate a minimum of 10 million kilowatt hours per annum. These firms, however, accounted for 99.6 per cent of total production in 1960.

In the electric power series, net generation is defined as total generation less the amount used in station service. The "net energy available in Canada" is the sum of net generation, plus imports, less exports. Some of the "amount made available" is sold as surplus or secondary power for use, for the most part, in electric boilers, which is the only form of secondary consumption that can be readily ascertained for all provinces. Energy used in electric boilers is deducted from the "available" in order to provide a figure approximating primary consumption.

Prepared in the Public Utilities Section  
Public Finance and Transportation Division

August 1963  
56-506

TABLE 1. Electric Energy Statistics

June 1963

No.		Canada	Newfoundland	Prince Edward Island	Nova Scotia
		thousand kwh			
	<u>June 1963</u>				
1	Net generation - Utilities: Hydro .....	6,579,479	127,498	-	51,459
2	Thermal .....	843,975	2,420	7,872	85,403
3	Totals .....	7,423,454	129,918	7,872	136,862
4	Industry: Hydro .....	1,806,555	35,376	-	3,094
5	Thermal .....	225,083	4,318	-	15,768
6	Totals .....	2,031,638	39,694	-	18,862
7	Total net generation .....	9,455,092	169,612	7,872	155,724
8	Energy imported: From other provinces .....	...	-	-	4,161
9	From United States .....	239,210	-	-	-
10	Totals .....	239,210	-	-	4,161
11	Energy exported: To other provinces .....	...	6,555	-	2,381
12	To United States - Primary .....	71,994	-	-	-
13	Secondary .....	243,061	-	-	-
14	Totals .....	315,055	6,555	-	2,381
15	Net energy available in Canada .....	9,379,247	163,057	7,872	157,504
16	Amount used in electric boilers .....	304,650	7,559	-	-
17	Net energy available, less amount used in boilers .....	9,074,597	155,498	7,872	157,504
	<u>June 1962<sup>r</sup></u>				
18	Total net generation .....	9,333,722	138,384	7,106	135,592
19	Total energy imported .....	220,816	-	-	13,567
20	Total energy exported .....	381,023	7,202	-	599
21	Net energy available in Canada .....	9,173,515	131,182	7,106	148,560
22	Amount used in electric boilers .....	471,237	13,168	-	-
23	Net energy available, less amount used in boilers .....	8,702,278	118,014	7,106	148,560

TABLE 2. Electric Energy Statistics, Cumulative Totals

		thousand kwh.			
		Canada	Newfoundland	Prince Edward Island	Nova Scotia
	<u>January - June 1963</u>				
24	Net generation - Utilities: Hydro .....	39,829,637	709,453	-	438,244
25	Thermal .....	7,434,177	17,144	53,107	520,987
26	Totals .....	47,263,814	726,597	53,107	959,231
27	Industry: Hydro .....	11,562,650	182,284	-	21,425
28	Thermal .....	1,352,626	29,445	-	95,528
29	Totals .....	12,915,276	211,729	-	116,953
30	Total net generation .....	60,179,090	938,326	53,107	1,076,184
31	Energy imported: From other provinces .....	...	-	-	14,791
32	From United States .....	1,396,473	-	-	-
33	Totals .....	1,396,473	-	-	14,793
34	Energy exported: To other provinces .....	...	31,511	-	53,852
35	To United States - Primary .....	419,644	-	-	-
36	Secondary .....	1,514,544	-	-	-
37	Totals .....	1,934,188	31,511	-	53,852
38	Net energy available in Canada .....	59,641,375	906,815	53,107	1,037,125
39	Amount used in electric boilers .....	2,335,886	51,363	-	-
40	Net energy available, less amount used in boilers .....	57,305,489	855,452	53,107	1,037,125
	<u>January - June 1962<sup>r</sup></u>				
41	Total net generation .....	59,579,218	800,813	53,107	1,037,125
42	Total energy imported .....	1,265,580	-	-	14,791
43	Total energy exported .....	2,324,749	40,305	-	53,852
44	Net energy available in Canada .....	58,520,049	760,508	53,107	1,037,125
45	Amount used in electric boilers .....	3,278,086	51,447	-	-
46	Net energy available, less amount used in boilers .....	55,241,963	709,061	53,107	1,037,125

<sup>r</sup> Revised figures.

... Figures not appropriate or not applicable.

TABLE 1. Electric Energy Statistics

June 1963

New Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Yukon and N.W.T.	No.
thousand kwh.								
102,471	2,826,661	2,418,672	357,171	51,903	96,602	538,258	8,784	1
29,555	246	331,265	1,235	159,858	203,714	20,758	1,649	2
132,026	2,826,907	2,749,937	358,406	211,761	300,316	559,016	10,433	3
8,648	1,041,420	126,345	4,302	6,049	-	576,052	5,269	4
44,616	25,724	44,503	-	3,357	30,080	56,717	-	5
53,264	1,067,144	170,848	4,302	9,406	30,080	632,769	5,269	6
185,290	3,894,051	2,920,785	362,708	221,167	330,396	1,191,785	15,702	7
4,133	8,490	386,789	64,850	6,462	4,551	-	-	8
1,088	51	236,503	-	-	-	1,568	-	9
5,221	8,541	623,292	64,850	6,462	4,551	1,568	-	10
4,161	388,069	11,485	6,934	55,300	-	4,551	-	11
14,408	1,143	56,310	1	-	-	132	-	12
6,186	19,689	215,685	-	-	-	1,501	-	13
24,755	408,901	283,480	6,935	55,300	-	6,184	-	14
165,756	3,493,691	3,260,597	420,623	172,329	334,947	1,187,169	15,702	15
110	235,679	36,399	3,360	1,404	-	17,928	2,211	16
165,646	3,258,012	3,224,198	417,263	170,925	334,947	1,169,241	13,491	17
185,841	4,130,320	2,722,651	340,668	199,118	301,630	1,156,192	16,220	18
3,148	8,850	768,253	63,483	7,851	3,999	1,378	-	19
34,804	575,959	342,518	8,331	55,857	-	5,466	-	20
154,185	3,563,211	3,148,386	395,820	151,112	305,629	1,152,104	16,220	21
3	402,130	27,794	9,898	-	-	14,679	3,565	22
154,182	3,161,081	3,120,592	385,922	151,112	305,629	1,137,425	12,655	23

TABLE 2. Electric Energy Statistics, Cumulative Totals

thousand kwh.								
488,948	17,264,215	14,297,241	2,370,414	330,912	344,189	3,515,669	70,352	24
280,621	646	3,588,490	41,184	1,076,735	1,679,500	163,540	12,223	25
769,569	17,264,861	17,885,731	2,411,598	1,407,647	2,023,689	3,679,209	82,555	26
28,786	7,032,425	707,075	28,325	34,861	-	3,504,919	22,550	27
266,941	150,697	276,775	-	17,564	178,207	337,469	-	28
295,727	7,183,122	983,850	28,325	52,425	178,207	3,842,388	22,550	29
1,065,296	24,447,983	18,869,581	2,439,923	1,460,072	2,201,896	7,521,597	105,125	30
65,885	136,728	2,478,032	452,027	41,280	19,529	-	-	31
8,780	365	1,378,535	-	-	-	8,793	-	32
74,665	137,093	3,856,567	452,027	41,280	19,529	8,793	-	33
14,793	2,488,312	209,559	43,033	347,685	-	19,529	-	34
84,783	7,508	326,533	8	-	-	812	-	35
35,396	111,473	1,359,377	-	-	-	8,298	-	36
134,972	2,607,293	1,895,469	43,041	347,685	-	28,639	-	37
1,004,989	21,977,783	20,830,679	2,848,909	1,153,667	2,221,425	7,501,751	105,125	38
421	1,731,660	267,206	106,583	7,541	-	146,564	24,548	39
1,004,568	20,246,123	20,563,473	2,742,326	1,146,126	2,221,425	7,355,187	80,577	40
1,000,292	26,207,528	17,655,142	2,149,476	1,332,471	2,039,812	7,255,289	104,121	41
101,172	51,134	4,702,749	452,853	19,470	16,941	8,314	-	42
154,028	3,645,894	2,143,644	20,755	341,301	-	25,688	-	43
947,436	22,612,768	20,214,247	2,581,574	1,010,640	2,056,753	7,237,915	104,121	44
467	2,699,785	320,446	36,285	-	-	142,348	27,308	45
946,969	19,912,983	19,893,801	2,545,289	1,010,640	2,056,753	7,095,567	76,813	46



TABLE 3. Electric Energy Made Available

January - June 1963

Month	Total net generation	Imports from United States	Exports to United States	Total made available in Canada	Amount used in electric boilers	Total made available less amount used in electric boilers	Daily average, total net generation
thousand kwh.							
January .....	10,698,072	264,530	335,896	10,626,706	405,925	10,220,781	345,09
February .....	9,651,087	244,302	320,365	9,575,024	374,425	9,200,599	344,68
March .....	10,321,246	250,369	340,474	10,231,141	394,200	9,836,941	332,94
April .....	9,876,611	101,862	298,297	9,770,176	410,348	9,359,828	329,22
May .....	10,176,982	206,200	324,101	10,059,081	446,338	9,612,743	328,29
June .....	9,455,092	239,210	315,055	9,379,247	304,650	9,074,597	315,17
July .....							
August .....							
September .....							
October .....							
November .....							
December .....							
Year .....							

TABLE 4. Net Generation, 1951-63

CANADA

Year and month	Utilities			Industry			Grand total
	Hydro	Thermal	Total	Hydro	Thermal	Total	
thousand kwh.							
1951 .....	45,819,227	1,732,652	47,551,879	..	..	13,369,527	60,921,406
1952 .....	49,156,895	2,222,115	51,379,010	..	..	14,086,950	65,465,960
1953 .....	49,160,361	3,797,345	52,957,706	..	..	16,400,824	69,358,530
1954 .....	51,713,904	3,178,434	54,892,338	..	..	17,547,555	72,439,893
1955 .....	57,996,293	3,197,153	61,193,446	..	..	18,381,161	79,574,607
1956 .....	64,013,966	4,292,898	68,306,864	..	..	19,119,968	87,426,832
1957 .....	65,817,043	5,572,995	71,390,038	17,155,908	1,714,697	18,870,605	90,260,643
1958 .....	70,840,574	4,690,850	75,531,424	19,409,459	1,816,609	21,226,068	96,757,492
1959 .....	77,251,848	5,286,363	82,538,211	19,265,330	2,052,553	21,317,883	103,856,094
1960 .....	83,024,886	5,957,979	88,982,865	22,743,499	2,313,010	25,056,509	114,039,375
1961 .....	82,014,614	7,049,079	89,063,693	21,660,132	2,497,588	24,157,720	113,221,413
1962 (1) .....	80,861,406	10,781,660	91,643,066	22,789,817	2,570,288	25,360,105	117,003,171
1963 .....							
1962 January .....	7,417,680	944,359	8,362,039	2,016,768	225,526	2,242,294	10,604,333
February .....	6,783,244	797,928	7,581,172	1,837,030	213,766	2,050,796	9,631,968
March .....	7,341,190	765,709	8,106,899	1,976,157	228,284	2,204,441	10,311,340
April .....	7,093,999	542,083	7,636,082	1,852,998	203,691	2,056,689	9,692,771
May .....	7,484,870	528,284	8,013,154	1,776,333	215,597	1,991,930	10,005,084
June .....	6,784,175	589,988	7,374,163	1,742,280	217,279	1,959,559	9,333,722
July .....	6,228,335	742,070	6,970,405	1,842,727	198,751	2,041,478	9,011,883
August .....	6,306,094	931,151	7,237,245	1,800,826	222,337	2,023,163	9,260,408
September .....	5,986,861	1,081,333	7,068,194	1,784,035	211,869	1,995,904	9,064,098
October .....	6,444,107	1,182,534	7,626,641	2,039,416	216,413	2,255,829	9,882,470
November .....	6,426,505	1,302,905	7,729,410	2,070,707	215,948	2,286,655	10,016,065
December .....	6,564,134	1,373,078	7,937,212	2,048,690	202,079	2,250,769	10,187,981
1963 January .....	6,634,051	1,787,849	8,421,900	2,057,952	218,220	2,276,172	10,698,072
February .....	6,021,397	1,587,000	7,608,397	1,837,229	205,461	2,042,690	9,651,087
March .....	6,639,450	1,448,533	8,087,983	1,992,361	240,902	2,233,263	10,321,246
April .....	6,751,453	961,044	7,712,497	1,934,008	230,106	2,164,114	9,876,611
May .....	7,203,807	805,776	8,009,583	1,934,545	232,854	2,167,399	10,176,982
June .....	6,579,479	843,975	7,423,454	1,806,555	225,083	2,031,638	9,455,092
July .....							
August .....							
September .....							
October .....							
November .....							
December .....							

(1) Net Generation for year 1962 includes small revisions for the year which are not included in the monthly breakdown.  
Figures not available.

CATALOGUE No.

57-001

MONTHLY

# DOMINION BUREAU OF STATISTICS

OTTAWA - CANADA

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## ELECTRIC POWER STATISTICS

JULY 1963

Total net generation by firms which generate a minimum of approximately 10 million kilowatt hours per annum increased by 4.8 per cent to 9,444,638 mwh. in July 1963 from 9,011,883 mwh. generated one year ago.

Industrial establishments increased their generation 2.0 per cent to 2,081,90 mwh. from 2,041,478 mwh. and utilities increased their generation 5.6 per cent to 7,363,048 mwh. from 6,970,405 mwh.

Exports decreased to 259,330 mwh. from 353,305 mwh. and imports decreased to 42,981 mwh. from 249,051 mwh. in July 1962.

The amount made available for primary uses increased 7.0 per cent to 9,132,371 mwh. from 8,539,238 mwh. while the amount used in electric boilers decreased 19.7 per cent to 295,918 mwh. from 368,391 mwh. in 1962.

Total net generation for the twelve-month period ending July 31, 1963 amounted to 117,982,218 mwh.

Monthly electric power statistics are designed to provide current information on the production and consumption of electric energy in Canada. In order to expedite the collection and compilation of returns, the series is confined to firms which generate a minimum of 10 million kilowatt hours per annum. These firms, however, accounted for 99.6 per cent of total production in 1960.

In the electric power series, net generation is defined as total generation less the amount used in station service. The "net energy available in Canada" is the sum of net generation, plus imports, less exports. Some of the "amount made available" is sold as surplus or secondary power for use, for the most part, in electric boilers, which is the only form of secondary consumption that can be readily ascertained for all provinces. Energy used in electric boilers is deducted from the "available" in order to provide a figure approximating primary consumption.

Industry Division

September 1963

06-506

TABLE 1. Electric Energy Statistics

July 1963

No.		Canada	Newfoundland	Prince Edward Island	Nova Scotia
		thousand kwh.			
	<u>July 1963</u>				
1	Net generation - Utilities: Hydro .....	6,351,451	121,813	-	46,493
2	Thermal .....	1,011,597	2,592	8,732	97,575
3	Totals .....	7,363,048	124,405	8,732	144,068
4	Industry: Hydro .....	1,860,482	25,699	-	2,841
5	Thermal .....	221,108	2,224	-	16,182
6	Totals .....	2,081,590	27,923	-	19,023
7	Total net generation .....	9,444,638	152,328	8,732	163,091
8	Energy imported: From other provinces .....	...	-	-	1,805
9	From United States .....	242,981	-	-	-
10	Totals .....	242,981	-	-	1,805
11	Energy exported: To other provinces .....	...	6,144	-	2,475
12	To United States - Primary .....	70,388	-	-	-
13	Secondary .....	188,942	-	-	-
14	Totals .....	259,330	6,144	-	2,475
15	Net energy available in Canada .....	9,428,289	146,184	8,732	162,421
16	Amount used in electric boilers .....	295,918	12,758	-	-
17	Net energy available, less amount used in boilers .....	9,132,371	133,426	8,732	162,421
	<u>July 1962<sup>r</sup></u>				
18	Total net generation .....	9,011,883	112,422	7,557	136,545
19	Total energy imported .....	249,051	-	-	5,688
20	Total energy exported .....	353,305	6,938	-	1,434
21	Net energy available in Canada .....	8,907,629	105,484	7,557	140,799
22	Amount used in electric boilers .....	368,391	10,040	-	-
23	Net energy available, less amount used in boilers .....	8,539,238	95,444	7,557	140,799

TABLE 2. Electric Energy Statistics, Cumulative Totals

		thousand kwh.			
		<u>January - July 1963</u>			
24	Net generation - Utilities: Hydro .....	46,181,088	831,266	-	484,737
25	Thermal .....	8,445,774	19,736	61,839	618,562
26	Totals .....	54,626,862	851,002	61,839	1,103,299
27	Industry: Hydro .....	13,423,132	207,983	-	24,266
28	Thermal .....	1,573,734	31,669	-	111,710
29	Totals .....	14,996,866	239,652	-	135,976
30	Total net generation .....	69,623,728	1,090,654	61,839	1,239,275
31	Energy imported: From other provinces .....	...	-	-	16,598
32	From United States .....	1,639,454	-	-	-
33	Totals .....	1,639,454	-	-	16,598
34	Energy exported: To other provinces .....	...	37,655	-	56,327
35	To United States - Primary .....	490,032	-	-	-
36	Secondary .....	1,703,486	-	-	-
37	Totals .....	2,193,518	37,655	-	56,327
38	Net energy available in Canada .....	69,069,664	1,052,999	61,839	1,199,546
39	Amount used in electric boilers .....	2,631,804	64,121	-	-
40	Net energy available, less amount used in boilers .....	66,437,860	988,878	61,839	1,199,546
	<u>January - July 1962<sup>r</sup></u>				
41	Total net generation .....	68,591,101	913,235	55,489	1,122,887
42	Total energy imported .....	1,514,631	-	-	47,457
43	Total energy exported .....	2,678,054	47,243	-	83,381
44	Net energy available in Canada .....	67,427,678	865,992	55,489	1,086,959
45	Amount used in electric boilers .....	3,646,477	61,487	-	-
46	Net energy available, less amount used in boilers .....	63,781,201	804,505	55,489	1,086,959

... Figures not appropriate or not applicable.



TABLE 1. Electric Energy Statistics

July 1963

New Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Yukon and N.W.T.	No.
thousand kwh.								
91,880	2,856,908	2,188,853	352,643	52,180	99,238	531,613	9,830	1
36,739	50	476,554	1,661	159,054	206,256	20,963	1,421	2
128,619	2,856,958	2,665,407	354,304	211,234	305,494	552,576	11,251	3
6,621	1,093,561	117,352	4,833	5,857	-	598,460	5,258	4
42,296	24,171	49,247	-	3,566	25,897	57,525	-	5
48,917	1,117,732	166,599	4,833	9,423	25,897	655,985	5,258	6
177,536	3,974,690	2,832,006	359,137	220,657	331,391	1,208,561	16,509	7
4,159	7,978	389,083	63,701	9,275	4,595	-	-	8
871	45	240,269	-	-	-	1,796	-	9
5,030	8,023	629,352	63,701	9,275	4,595	1,796	-	10
1,805	390,258	10,063	9,784	55,472	-	4,595	-	11
13,812	999	55,328	1	-	-	248	-	12
5,038	25,752	156,423	-	-	-	1,729	-	13
20,655	417,009	221,814	9,785	55,472	-	6,572	-	14
161,911	3,565,704	3,239,544	413,053	174,460	335,986	1,203,785	16,509	15
-	236,055	27,134	-	1,270	-	15,232	3,469	16
161,911	3,329,649	3,212,410	413,053	173,190	335,986	1,188,553	13,040	17
174,419	3,981,052	2,625,145	326,730	199,890	297,279	1,134,634	16,210	18
4,086	8,569	740,923	58,392	6,105	4,437	1,397	-	19
23,615	521,457	313,276	6,704	54,410	-	6,018	-	20
154,891	3,468,164	3,052,792	378,418	151,585	301,716	1,130,013	16,210	21
-	310,855	25,495	6,267	-	-	12,251	3,483	22
154,891	3,157,309	3,027,297	372,151	151,585	301,716	1,117,762	12,727	23

TABLE 2. Electric Energy Statistics, Cumulative Totals

thousand kwh.								
580,828	20,121,123	16,486,094	2,723,057	383,092	443,427	4,047,282	80,182	24
317,360	696	4,065,044	42,845	1,235,789	1,885,756	184,503	13,644	25
898,188	20,121,819	20,551,138	2,765,902	1,618,881	2,329,183	4,231,785	93,826	26
35,407	8,125,986	824,427	33,158	40,718	-	4,103,379	27,808	27
309,237	174,868	326,022	-	21,130	204,104	394,994	-	28
344,644	8,300,854	1,150,449	33,158	61,848	204,104	4,498,373	27,808	29
1,242,832	28,422,673	21,701,587	2,799,060	1,680,729	2,533,287	8,730,158	121,634	30
70,044	144,706	2,867,115	515,728	50,555	24,124	-	-	31
9,651	410	1,618,804	-	-	-	10,589	-	32
79,695	145,116	4,485,919	515,728	50,555	24,124	10,589	-	33
16,598	2,878,570	219,622	52,817	403,157	-	24,124	-	34
98,595	8,507	381,861	9	-	-	1,060	-	35
40,434	137,225	1,515,800	-	-	-	10,027	-	36
155,627	3,024,302	2,117,283	52,826	403,157	-	35,211	-	37
1,166,900	25,543,487	24,070,223	3,261,962	1,328,127	2,557,411	8,705,536	121,634	38
421	1,967,715	294,340	106,583	8,811	-	161,796	28,017	39
1,166,479	23,575,772	23,775,883	3,155,379	1,319,316	2,557,411	8,543,740	93,617	40
1,174,711	30,188,580	20,280,287	2,476,206	1,532,361	2,337,091	8,389,923	120,331	41
105,259	59,703	5,443,672	511,245	25,575	21,378	9,711	-	42
177,643	4,167,351	2,456,920	27,459	395,711	-	31,706	-	43
1,102,327	26,080,932	23,267,039	2,959,992	1,162,225	2,358,469	8,367,928	120,331	44
467	3,010,640	345,941	42,552	-	-	154,599	30,791	45
1,101,860	23,070,292	22,921,098	2,917,440	1,162,225	2,358,469	8,213,329	89,540	46

TABLE 3. Electric Energy Made Available

January - July 1963

Month	Total net generation	Imports from United States	Exports to United States	Total made available in Canada	Amount used in electric boilers	Total made available less amount used in electric boilers	Daily average, total net generation
thousand kwh.							
January .....	10,698,072	264,530	335,896	10,626,706	405,925	10,220,781	345,099
February .....	9,651,087	244,302	320,365	9,575,024	374,425	9,200,599	344,681
March .....	10,321,246	250,369	340,474	10,231,141	394,200	9,836,941	332,943
April .....	9,876,611	101,862	298,297	9,770,176	410,348	9,359,828	329,220
May .....	10,176,982	206,200	324,101	10,059,081	446,338	9,612,743	328,290
June .....	9,455,092	239,210	315,055	9,379,247	304,650	9,074,597	315,170
July .....	9,444,638	242,981	259,330	9,428,289	295,918	9,132,371	304,666
August .....							
September .....							
October .....							
November .....							
December .....							
Year .....							

TABLE 4. Net Generation, 1951-63

CANADA

Year and month	Utilities			Industry			Grand total
	Hydro	Thermal	Total	Hydro	Thermal	Total	
	thousand kwh.						
1951 .....	45,819,227	1,732,652	47,551,879	..	..	13,369,527	60,921,406
1952 .....	49,156,895	2,222,115	51,379,010	..	..	14,086,950	65,465,960
1953 .....	49,160,361	3,797,345	52,957,706	..	..	16,400,824	69,358,530
1954 .....	51,713,904	3,178,434	54,892,338	..	..	17,547,555	72,439,893
1955 .....	57,996,293	3,197,153	61,193,446	..	..	18,381,161	79,574,607
1956 .....	64,013,966	4,292,898	68,306,864	..	..	19,119,968	87,426,832
1957 .....	65,817,043	5,572,995	71,390,038	17,155,908	1,714,697	18,870,605	90,260,643
1958 .....	70,840,574	4,690,850	75,531,424	19,409,459	1,816,609	21,226,068	96,757,492
1959 .....	77,251,848	5,286,363	82,538,211	19,265,330	2,052,553	21,317,883	103,856,094
1960 .....	83,024,886	5,957,979	88,982,865	22,743,499	2,313,010	25,056,509	114,039,375
1961 .....	82,014,614	7,049,079	89,063,693	21,660,132	2,497,588	24,157,720	113,221,413
1962 (1) .....	80,861,406	10,781,660	91,643,066	22,789,817	2,570,288	25,360,105	117,003,171
1963 .....							
1962 January .....	7,417,680	944,359	8,362,039	2,016,768	225,526	2,242,294	10,604,333
February .....	6,783,244	797,928	7,581,172	1,837,030	213,766	2,050,796	9,631,968
March .....	7,341,190	765,709	8,106,899	1,976,157	228,284	2,204,441	10,311,340
April .....	7,093,999	542,083	7,636,082	1,852,998	203,691	2,056,689	9,692,771
May .....	7,484,870	528,284	8,013,154	1,776,333	215,597	1,991,930	10,005,084
June .....	6,784,175	589,988	7,374,163	1,742,280	217,279	1,959,559	9,333,722
July .....	6,228,335	742,070	6,970,405	1,842,727	198,751	2,041,478	9,011,883
August .....	6,306,094	931,151	7,237,245	1,800,826	222,337	2,023,163	9,260,408
September .....	5,986,861	1,081,333	7,068,194	1,784,035	211,869	1,995,904	9,064,098
October .....	6,444,107	1,182,534	7,626,641	2,039,416	216,413	2,255,829	9,882,470
November .....	6,426,505	1,302,905	7,729,410	2,070,707	215,948	2,286,655	10,016,065
December .....	6,564,134	1,373,078	7,937,212	2,048,690	202,079	2,250,769	10,187,981
1963 January .....	6,634,051	1,787,849	8,421,900	2,057,952	218,220	2,276,172	10,698,072
February .....	6,021,397	1,587,000	7,608,397	1,837,229	205,461	2,042,690	9,651,087
March .....	6,639,450	1,448,533	8,087,983	1,992,361	240,902	2,233,263	10,321,246
April .....	6,751,453	961,044	7,712,497	1,934,008	230,106	2,164,114	9,876,611
May .....	7,203,807	805,776	8,009,583	1,934,545	232,854	2,167,399	10,176,982
June .....	6,579,479	843,975	7,423,454	1,806,555	225,083	2,031,638	9,455,092
July .....	6,351,451	1,011,597	7,363,048	1,860,482	221,108	2,081,590	9,444,638
August .....							
September .....							
October .....							
November .....							
December .....							

(1) Net Generation for year 1962 includes small revisions for the year which are not included in the monthly breakdown.  
Figures not available.

CATALOGUE No.

57-001

MONTHLY

## DOMINION BUREAU OF STATISTICS

OTTAWA - CANADA

Published by Authority of the Minister of Trade and Commerce

Vol. 31, No. 8

Price: 10 cents, \$1.00 a year

ELECTRIC POWER STATISTICS

OCT 24 1963

AUGUST 1963

Total net generation by firms which generate a minimum of approximately 10 million kilowatt hours per annum increased by 5.2 per cent to 9,737,799 mwh. in August 1963 from 9,260,408 mwh. generated one year ago.

Industrial establishments increased their generation 8.1 per cent to 2,187,479 mwh. from 2,023,163 mwh. and utilities increased their generation 4.3 per cent to 7,550,320 mwh. from 7,237,245 mwh.

Exports increased to 271,466 mwh. from 250,508 mwh. and imports increased to 306,477 mwh. from 160,443 mwh. in August 1962.

The amount made available for primary uses increased 6.9 per cent to 9,448,834 mwh. from 8,835,534 mwh. while the amount used in electric boilers decreased 3.2 per cent to 323,976 mwh. from 334,809 mwh. in 1962.

Total net generation for the twelve-month period ending August 31, 1963 amounted to 118,459,609 mwh.

Monthly electric power statistics are designed to provide current information on the production and consumption of electric energy in Canada. In order to expedite the collection and compilation of returns, the series is confined to firms which generate a minimum of 10 million kilowatt hours per annum. These firms, however, accounted for 99.6 per cent of total production in 1960.

In the electric power series, net generation is defined as total generation less the amount used in station service. The "net energy available in Canada" is the sum of net generation, plus imports, less exports. Some of the "amount made available" is sold as surplus or secondary power for use, for the most part, in electric boilers, which is the only form of secondary consumption that can be readily ascertained for all provinces. Energy used in electric boilers is deducted from the "available" in order to provide a figure approximating primary consumption.

Industry Division

October 1963

506-506



TABLE 1. Electric Energy Statistics

August 1963

No.		Canada	Newfoundland	Prince Edward Island	Nova Scotia
		thousand kwh.			
	<u>August 1963</u>				
1	Net generation - Utilities: Hydro .....	6,535,570	122,741	-	42,678
2	Thermal .....	1,014,750	6,513	9,094	101,063
3	Totals .....	7,550,320	129,254	9,094	143,741
4	Industry: Hydro .....	1,937,896	36,229	-	3,146
5	Thermal .....	249,583	4,070	-	20,262
6	Totals .....	2,187,479	40,299	-	23,408
7	Total net generation .....	9,737,799	169,553	9,094	167,149
8	Energy imported: From other provinces .....	...	-	-	3,690
9	From United States .....	306,477	-	-	-
10	Totals .....	306,477	-	-	3,690
11	Energy exported: To other provinces .....	...	6,598	-	5,248
12	To United States - Primary .....	74,064	-	-	-
13	Secondary .....	197,402	-	-	-
14	Totals .....	271,466	6,598	-	5,248
15	Net energy available in Canada .....	9,772,810	162,955	9,094	165,591
16	Amount used in electric boilers .....	323,976	150	-	-
17	Net energy available, less amount used in boilers .....	9,448,834	162,805	9,094	165,591
	<u>August 1962F</u>				
18	Total net generation .....	9,260,408	138,258	8,257	153,063
19	Total energy imported .....	160,443	-	-	4,094
20	Total energy exported .....	250,508	6,858	-	5,676
21	Net energy available in Canada .....	9,170,343	131,400	8,257	151,481
22	Amount used in electric boilers .....	334,809	12,863	-	-
23	Net energy available, less amount used in boilers .....	8,835,534	118,537	8,257	151,481

F Revised figures.

TABLE 2. Electric Energy Statistics, Cumulative Totals

No.		thousand kwh.			
	<u>January - August 1963</u>				
24	Net generation - Utilities: Hydro .....	52,716,658	954,007	-	527,415
25	Thermal .....	9,460,524	26,249	70,933	719,625
26	Totals .....	62,177,182	980,256	70,933	1,247,040
27	Industry: Hydro .....	15,361,028	244,212	-	27,412
28	Thermal .....	1,823,317	35,739	-	131,972
29	Totals .....	17,184,345	279,951	-	159,384
30	Total net generation .....	79,361,527	1,260,207	70,933	1,406,424
31	Energy imported: From other provinces .....	...	-	-	20,281
32	From United States .....	1,945,931	-	-	-
33	Totals .....	1,945,931	-	-	20,281
34	Energy exported: To other provinces .....	...	44,253	-	61,57
35	To United States - Primary .....	564,096	-	-	-
36	Secondary .....	1,900,888	-	-	-
37	Totals .....	2,464,984	44,253	-	61,57
38	Net energy available in Canada .....	78,842,474	1,215,954	70,933	1,365,13
39	Amount used in electric boilers .....	2,955,780	64,271	-	-
40	Net energy available, less amount used in boilers .....	75,886,694	1,151,683	70,933	1,365,13
	<u>January - August 1962F</u>				
41	Total net generation .....	77,851,509	1,051,493	63,746	1,275,91
42	Total energy imported .....	1,675,074	-	-	51,54
43	Total energy exported .....	2,928,562	54,101	-	89,01
44	Net energy available in Canada .....	76,598,021	997,392	63,746	1,238,4
45	Amount used in electric boilers .....	3,981,286	74,350	-	-
46	Net energy available, less amount used in boilers .....	72,616,735	923,042	63,746	1,238,4

... Figures not appropriate or not applicable.

F Revised figures.

August 1963

TABLE 1. Electric Energy Statistics

New Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Yukon and N.W.T.	No.
thousand kwh.								
109,139	3,062,664	2,142,986	356,336	52,798	97,406	538,784	10,038	1
31,520	360	445,881	2,125	171,493	220,198	24,978	1,525	2
140,659	3,063,024	2,588,867	358,461	224,291	317,604	563,762	11,563	3
6,295	1,156,015	112,488	5,472	6,664	-	606,316	5,271	4
48,124	27,025	55,209	-	3,563	32,079	59,251	-	5
54,419	1,183,040	167,697	5,472	10,227	32,079	665,567	5,271	6
195,078	4,246,064	2,756,564	363,933	234,518	349,683	1,229,329	16,834	7
7,029	9,799	474,693	66,318	6,754	4,560	-	-	8
1,007	47	303,716	-	-	-	1,707	-	9
8,036	9,846	778,409	66,318	6,754	4,560	1,707	-	10
3,690	476,045	13,154	7,183	56,365	-	4,560	-	11
14,609	1,164	58,056	1	-	-	234	-	12
6,794	22,697	166,090	-	-	-	1,821	-	13
25,093	499,906	237,300	7,184	56,365	-	6,615	-	14
178,021	3,756,004	3,297,673	423,067	184,907	354,243	1,224,421	16,834	15
75	280,318	23,587	1,070	1,498	-	13,804	3,474	16
177,946	3,475,686	3,274,086	421,997	183,409	354,243	1,210,617	13,360	17
179,655	3,929,828	2,796,173	340,765	210,170	320,061	1,167,843	16,335	18
8,329	8,482	568,616	61,309	4,085	4,383	3,871	-	19
24,980	428,975	220,572	4,638	56,674	-	4,861	-	20
163,004	3,509,335	3,144,217	397,436	157,581	324,444	1,166,853	16,335	21
75	275,002	26,354	6,825	-	-	10,516	3,174	22
162,929	3,234,333	3,117,863	390,611	157,581	324,444	1,156,337	13,161	23

TABLE 2. Electric Energy Statistics, Cumulative Totals

thousand kwh.								
689,967	23,183,787	18,629,080	3,079,393	435,890	540,833	4,586,066	90,220	24
348,880	1,056	4,510,925	44,970	1,407,282	2,105,954	209,481	15,169	25
1,038,847	23,184,843	23,140,005	3,124,363	1,843,172	2,646,787	4,795,547	105,389	26
41,702	9,282,001	936,915	38,630	47,382	-	4,709,695	33,079	27
357,361	201,893	381,231	-	24,693	236,183	454,245	-	28
399,063	9,483,894	1,318,146	38,630	72,075	236,183	5,163,940	33,079	29
1,437,910	32,668,737	24,458,151	3,162,993	1,915,247	2,882,970	9,959,487	138,468	30
77,073	154,505	3,341,808	582,046	57,309	28,684	-	-	31
10,658	457	1,922,520	-	-	-	12,296	-	32
87,731	154,962	5,264,328	582,046	57,309	28,684	12,296	-	33
20,288	3,354,615	232,776	60,000	459,522	-	28,684	-	34
113,204	9,671	439,917	10	-	-	1,294	-	35
47,228	159,922	1,681,890	-	-	-	11,848	-	36
180,720	3,524,208	2,354,583	60,010	459,522	-	41,826	-	37
1,344,921	29,299,491	27,367,896	3,685,029	1,513,034	2,911,654	9,929,957	138,468	38
496	2,248,033	317,927	107,653	10,309	-	175,600	31,491	39
1,344,425	27,051,458	27,049,969	3,577,376	1,502,725	2,911,654	9,754,357	106,977	40
1,354,366	34,118,408	23,076,460	2,816,971	1,742,531	2,657,152	9,957,766	136,666	41
113,588	68,185	6,012,288	572,554	29,660	25,761	13,582	-	42
202,623	4,596,326	2,677,492	32,097	452,385	-	30,767	-	43
1,265,331	29,590,267	26,411,256	3,357,428	1,319,806	2,682,913	9,544,787	136,666	44
542	3,285,642	372,295	49,377	-	-	165,115	33,965	45
1,264,789	26,304,625	26,038,961	3,308,051	1,319,806	2,682,913	9,369,666	102,701	46

TABLE 3. Electric Energy Made Available

January - August 1963

Month	Total net generation	Imports from United States	Exports to United States	Total made available in Canada	Amount used in electric boilers	Total made available less amount used in electric boilers	Daily average, total net generation
thousand kwh.							
January .....	10,698,072	264,530	335,896	10,626,706	405,925	10,220,781	345,091
February .....	9,651,087	244,302	320,365	9,575,024	374,425	9,200,599	344,681
March .....	10,321,246	250,369	340,474	10,231,141	394,200	9,836,941	332,943
April .....	9,876,611	101,862	298,297	9,770,176	410,348	9,359,828	329,220
May .....	10,176,982	206,200	324,101	10,059,081	446,338	9,612,743	328,290
June .....	9,455,092	239,210	315,055	9,379,247	304,650	9,074,597	315,170
July .....	9,444,638	242,981	259,330	9,428,289	295,918	9,132,371	304,666
August .....	9,737,799	306,477	271,466	9,772,810	323,976	9,448,834	314,123
September .....							
October .....							
November .....							
December .....							
Year .....							

TABLE 4. Net Generation, 1951-63

CANADA

Year and month	Utilities			Industry			Grand total
	Hydro	Thermal	Total	Hydro	Thermal	Total	
	thousand kwh.						
1951 .....	45,819,227	1,732,652	47,551,879	..	..	13,369,527	60,921,406
1952 .....	49,156,895	2,222,115	51,379,010	..	..	14,086,950	65,465,960
1953 .....	49,160,361	3,797,345	52,957,706	..	..	16,400,824	69,358,530
1954 .....	51,713,904	3,178,434	54,892,338	..	..	17,547,555	72,439,893
1955 .....	57,996,293	3,197,153	61,193,446	..	..	18,381,161	79,574,607
1956 .....	64,013,966	4,292,898	68,306,864	..	..	19,119,968	87,426,832
1957 .....	65,817,043	5,572,995	71,390,038	17,155,908	1,714,697	18,870,605	90,260,643
1958 .....	70,840,574	4,690,850	75,531,424	19,409,459	1,816,609	21,226,068	96,757,492
1959 .....	77,251,848	5,286,363	82,538,211	19,265,330	2,052,553	21,317,883	103,856,094
1960 .....	83,024,886	5,957,979	88,982,865	22,743,499	2,313,010	25,056,509	114,039,375
1961 .....	82,014,614	7,049,079	89,063,693	21,660,132	2,497,588	24,157,720	113,221,413
1962(1) .....	80,861,406	10,781,660	91,643,066	22,789,817	2,570,288	25,360,105	117,003,171
1963 .....							
1962 January .....	7,417,680	944,359	8,362,039	2,016,768	225,526	2,242,294	10,604,333
February .....	6,783,244	797,928	7,581,172	1,837,030	213,766	2,050,796	9,631,968
March .....	7,341,190	765,709	8,106,899	1,976,157	228,284	2,204,441	10,311,340
April .....	7,093,999	542,083	7,636,082	1,852,998	203,691	2,056,689	9,692,771
May .....	7,484,870	528,284	8,013,154	1,776,333	215,597	1,991,930	10,005,084
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August .....	6,306,094	931,151	7,237,245	1,800,826	222,337	2,023,163	9,260,408
September .....	5,986,861	1,081,333	7,068,194	1,784,035	211,869	1,995,904	9,064,098
October .....	6,444,107	1,182,534	7,626,641	2,039,416	216,413	2,255,829	9,882,470
November .....	6,426,505	1,302,905	7,729,410	2,070,707	215,948	2,286,655	10,016,065
December .....	6,564,134	1,373,078	7,937,212	2,048,690	202,079	2,250,769	10,187,981
1963 January .....	6,634,051	1,787,849	8,421,900	2,057,952	218,220	2,276,172	10,698,072
February .....	6,021,397	1,587,000	7,608,397	1,837,229	205,461	2,042,690	9,651,087
March .....	6,639,450	1,448,533	8,087,983	1,992,361	240,902	2,233,263	10,321,246
April .....	6,751,453	961,044	7,712,497	1,934,008	230,106	2,164,114	9,876,611
May .....	7,203,807	805,776	8,009,583	1,934,545	232,854	2,167,399	10,176,982
June .....	6,579,479	843,975	7,423,454	1,806,555	225,083	2,031,638	9,455,092
July .....	6,351,451	1,011,597	7,363,048	1,860,482	221,108	2,081,590	9,444,638
August .....	6,535,570	1,014,750	7,550,320	1,937,896	249,583	2,187,479	9,737,799
September .....							
October .....							
November .....							
December .....							

(1) Net Generation for year 1962 includes small revisions for the year which are not included in the monthly breakdown.  
.. Figures not available.



CATALOGUE No.

57-001

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# DOMINION BUREAU OF STATISTICS

OTTAWA - CANADA

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## ELECTRIC POWER STATISTICS

SEPTEMBER 1963

Total net generation by firms which generate a minimum of approximately 10 million kilowatt hours per annum increased by 7.3 per cent to 9,723,210 mwh. in September 1963 from 9,064,098 mwh. generated one year ago.

Industrial establishments increased their generation 9.5 per cent to 2,185,182 mwh. from 1,995,904 mwh. and utilities increased their generation 6.7 per cent to 5,538,028 from 7,068,194 mwh.

Exports decreased to 272,736 mwh. from 294,002 mwh. and imports increased to 72,559 mwh. from 216,926 mwh. in September 1962.

The amount made available for primary uses increased 9.0 per cent to 9,426,120 mwh. from 8,644,990 mwh. while the amount used in electric boilers decreased 13.2 per cent to 296,913 mwh. from 342,032 mwh. in 1962.

Total net generation for the twelve-month period ending September 30, 1963 amounted to 119,122,211 mwh.

Monthly electric power statistics are designed to provide current information on the production and consumption of electric energy in Canada. In order to expedite the collection and compilation of returns, the series is confined to firms which generate a minimum of 10 million kilowatt hours per annum. These firms, however, accounted for 99.6 per cent of total production in 1960.

In the electric power series, net generation is defined as total generation less the amount used in station service. The "net energy available in Canada" is the sum of net generation, plus imports, less exports. Some of the "amount made available" is sold as surplus or secondary power for use, for the most part, in electric boilers, which is the only form of secondary consumption that can be readily ascertained for all provinces. Energy used in electric boilers is deducted from the "available" in order to provide a figure approximating primary consumption.

Industry Division

September 1963  
6-506

TABLE 1. Electric Energy Statistics

September 1963

No		Canada	Newfoundland	Prince Edward Island	Nova Scotia
		thousand kwh.			
	<u>September 1963</u>				
1	Net generation - Utilities: Hydro .....	6,295,740	135,444	-	52,032
2	Thermal .....	1,242,288	3,436	8,738	87,312
3	Totals .....	7,538,028	138,880	8,738	139,364
4	Industry: Hydro .....	1,952,083	33,993	-	97
5	Thermal .....	233,099	4,214	-	17,380
6	Totals .....	2,185,182	38,207	-	18,354
7	Total net generation .....	9,723,210	177,087	-	157,718
8	Energy imported: From other provinces .....	-	-	-	10,876
9	From United States .....	272,559	-	-	-
10	Totals .....	-	6,823	-	2,416
11	Energy exported: To other provinces .....	73,938	-	-	-
12	To United States - Primary .....	198,798	-	-	-
13	Secondary .....	272,736	6,823	-	2,416
14	Totals .....	-	-	-	-
15	Net energy available in Canada .....	9,723,033	170,264	8,738	166,178
16	Amount used in electric boilers .....	296,913	7,103	-	-
17	Net energy available, less amount used in boilers .....	9,426,120	163,161	8,738	166,178
	<u>September 1962<sup>r</sup></u>				
18	Total net generation .....	9,064,098	121,606	8,167	153,644
19	Total energy imported .....	216,926	-	-	2,872
20	Total energy exported .....	294,002	6,424	-	8,120
21	Net energy available in Canada .....	8,987,022	115,182	8,167	150,396
22	Amount used in electric boilers .....	342,032	8,435	-	-
23	Net energy available, less amount used in boilers .....	8,644,990	106,747	8,167	150,396

TABLE 2. Electric Energy Statistics, Cumulative Totals

		thousand kwh.			
	<u>January - September 1963</u>				
24	Net generation - Utilities: Hydro .....	59,012,398	1,089,451	-	579,467
25	Thermal .....	10,702,812	29,685	79,671	806,937
26	Totals .....	69,715,210	1,119,136	79,671	1,386,404
27	Industry: Hydro .....	17,313,079 <sup>r</sup>	278,205	-	28,386
28	Thermal .....	2,059,938 <sup>r</sup>	39,953	-	149,352
29	Totals .....	19,373,017 <sup>r</sup>	318,158	-	177,738
30	Total net generation .....	89,088,227 <sup>r</sup>	1,437,294	79,671	1,564,142
31	Energy imported: From other provinces .....	-	-	-	31,160
32	From United States .....	2,218,490	-	-	-
33	Totals .....	2,218,490	-	-	31,160
34	Energy exported: To other provinces .....	-	51,076	-	63,991
35	To United States - Primary .....	638,034	-	-	-
36	Secondary .....	2,099,686	-	-	-
37	Totals .....	2,737,720	51,076	-	63,991
38	Net energy available in Canada .....	88,568,997 <sup>r</sup>	1,386,218	79,671	1,531,311
39	Amount used in electric boilers .....	3,252,693	71,374	-	-
40	Net energy available, less amount used in boilers .....	85,316,304 <sup>r</sup>	1,314,844	79,671	1,531,311
	<u>January - September 1962<sup>r</sup></u>				
41	Total net generation .....	86,915,607	1,173,099	71,913	1,429,590
42	Total energy imported .....	1,892,000	-	-	31,160
43	Total energy exported .....	3,222,574	60,525	-	63,991
44	Net energy available in Canada .....	85,585,043	1,112,574	71,913	1,388,831
45	Amount used in electric boilers .....	4,323,318	82,785	-	-
46	Net energy available, less amount used in boilers .....	81,261,725	1,029,789	71,913	1,388,831

Figures not appropriate or not applicable.  
Revised Figures.

TABLE 1. Electric Energy Statistics

September 1963

New Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Yukon and N.W.T.	No.
thousand kwh.								
128,717	2,834,199	2,060,650	363,357	51,008	99,449	560,443	10,421	1
21,174	61	697,622	3,882	172,901	223,276	22,104	1,782	2
149,891	2,834,260	2,758,272	367,239	223,909	322,725	582,547	12,203	3
9,080	1,202,139	121,545	5,160	6,471	-	567,896	4,825	4
42,981	23,229	54,319	-	3,127	27,281	60,568	-	5
52,061	1,225,368	175,864	5,160	9,598	27,281	628,464	4,825	6
201,952	4,059,628	2,934,136	372,399	233,507	350,006	1,211,011	17,028	7
4,186	26,811	382,221	68,570	6,414	4,079	-	-	8
731	50	269,862	-	-	-	1,916	-	9
4,917	26,861	652,083	68,570	6,414	4,079	1,916	-	10
10,876	383,745	34,494	6,660	54,064	-	4,079	-	11
15,963	1,198	56,630	1	-	-	146	-	12
5,481	22,158	169,374	-	-	-	1,785	-	13
32,320	407,101	260,498	6,661	54,064	-	6,010	-	14
174,549	3,679,388	3,325,721	434,308	185,857	354,085	1,206,917	17,028	15
220	234,965	27,360	10,560	1,792	-	11,508	3,405	16
174,329	3,444,423	3,298,361	423,748	184,065	354,085	1,195,409	13,623	17
169,525	3,701,730	2,865,255	349,844	211,755	318,547	1,148,714	15,311	18
8,818	8,195	579,638	60,946	999	4,252	9,856	-	19
22,855	395,919	260,146	1,402	55,303	-	4,483	-	20
155,488	3,314,006	3,184,747	409,388	157,451	322,799	1,154,087	15,311	21
62	259,512	38,699	15,704	-	-	17,148	2,472	22
155,426	3,054,494	3,146,048	393,684	157,451	322,799	1,136,939	12,839	23

TABLE 2. Electric Energy Statistics, Cumulative Totals

thousand kwh.								
818,684	26,017,986	20,689,730	3,442,750	486,898	640,282	5,146,509	100,641	24
370,054	1,117	5,208,547	48,852	1,580,183	2,329,230	231,585	16,951	25
1,188,738	26,019,103	25,898,277	3,491,602	2,067,081	2,969,512	5,378,094	117,592	26
50,782	10,484,140	1,058,428 <sup>r</sup>	43,790	53,853	-	5,277,591	37,904	27
400,342	227,122 <sup>r</sup>	437,072 <sup>r</sup>	-	27,820	263,464	514,813	-	28
451,124	10,711,262 <sup>r</sup>	1,495,500 <sup>r</sup>	43,790	81,673	263,464	5,792,404	37,904	29
1,639,862	36,730,365 <sup>r</sup>	27,393,777 <sup>r</sup>	3,535,392	2,148,754	3,232,976	11,170,498	155,496	30
81,259	181,316	3,724,029	650,616	63,723	32,763	-	-	31
11,389	507	2,192,382	-	-	-	14,212	-	32
92,648	181,823	5,916,411	650,616	63,723	32,763	14,212	-	33
31,164	3,738,360	267,270	66,660	513,586	-	32,763	-	34
129,167	10,869	496,547	11	-	-	1,440	-	35
52,709	182,080	1,851,264	-	-	-	13,633	-	36
213,040	3,931,309	2,615,081	66,671	513,586	-	47,836	-	37
1,519,470	32,980,879 <sup>r</sup>	30,695,107 <sup>r</sup>	4,119,337	1,698,891	3,265,739	11,136,874	155,496	38
716	2,482,998	345,287	118,213	12,101	-	187,108	34,896	39
1,518,754	30,497,881 <sup>r</sup>	30,349,820 <sup>r</sup>	4,001,124	1,686,790	3,265,739	10,949,766	120,600	40
1,523,891	37,820,138	25,941,715	3,166,815	1,954,286	2,975,699	10,706,480	151,977	41
122,406	76,380	6,591,926	633,500	30,659	30,013	23,438	-	42
225,478	4,992,245	2,937,638	33,499	507,688	-	41,050	-	43
1,420,819	32,904,273	29,596,003	3,766,816	1,477,257	3,005,712	10,688,868	151,977	44
604	3,545,154	410,994	65,081	-	-	182,263	36,437	45
1,420,215	29,359,119	29,185,009	3,701,735	1,477,257	3,005,712	10,506,605	115,540	46



TABLE 3. Electric Energy Made Available

January - September 1963

Month	Total net generation	Imports from United States	Exports to United States	Total made available in Canada	Amount used in electric boilers	Total made available less amount used in electric boilers	Daily average, total net generation
thousand kwh.							
January .....	10,698,072	264,530	335,896	10,626,706	405,925	10,220,781	345,009
February .....	9,651,087	244,302	320,365	9,575,024	374,425	9,200,599	344,582
March .....	10,321,246	250,369	340,474	10,231,141	394,200	9,836,941	344,061
April .....	9,876,611	101,862	298,297	9,770,176	410,348	9,359,828	343,390
May .....	10,176,982	206,200	324,101	10,059,081	446,338	9,612,743	343,200
June .....	9,455,092	239,210	315,055	9,379,247	304,650	9,074,597	343,170
July .....	9,446,570 <sup>r</sup>	242,981	259,330	9,430,221 <sup>r</sup>	295,918	9,134,303 <sup>r</sup>	343,185
August .....	9,739,357 <sup>r</sup>	306,477	271,466	9,774,368 <sup>r</sup>	323,976	9,450,392 <sup>r</sup>	343,207
September .....	9,723,210	272,559	272,736	9,723,033	296,913	9,426,120	343,147
October .....							
November .....							
December .....							
Year .....							

<sup>r</sup> Revised figures.

TABLE 4. Net Generation, 1951-63

CANADA

Year and month	Utilities			Industry			Grand total
	Hydro	Thermal	Total	Hydro	Thermal	Total	
thousand kwh.							
1951 .....	45,819,227	1,732,652	47,551,879	..	..	13,369,527	60,921,406
1952 .....	49,156,895	2,222,115	51,379,010	..	..	14,086,950	65,465,960
1953 .....	49,160,361	3,797,345	52,957,706	..	..	16,400,824	69,358,530
1954 .....	51,713,904	3,178,434	54,892,338	..	..	17,547,555	72,439,893
1955 .....	57,996,293	3,197,153	61,193,446	..	..	18,381,161	79,574,607
1956 .....	64,013,966	4,292,898	68,306,864	..	..	19,119,968	87,426,832
1957 .....	62,411,001	3,772,995	71,390,038	17,155,908	1,714,697	18,870,605	90,260,643
1958 .....	70,340,574	4,690,850	75,331,424	19,404,459	1,816,609	21,226,068	96,757,492
1959 .....	77,231,343	5,286,363	82,518,711	19,265,330	2,052,553	21,317,883	103,856,094
1960 .....	83,024,866	5,957,979	88,982,865	22,743,499	2,313,010	25,056,509	114,039,375
1961 .....	82,014,614	7,049,079	89,063,693	21,660,132	2,497,588	24,157,720	113,221,413
1962(1) .....	80,861,406	10,781,660	91,643,066	22,789,817	2,570,288	25,360,105	117,003,171
1963 .....							
1962 January .....	7,417,680	944,359	8,362,039	2,016,768	225,526	2,242,294	10,604,333
February .....	6,783,244	797,928	7,581,172	1,837,030	213,766	2,050,796	9,631,968
March .....	7,341,190	765,709	8,106,899	1,976,157	228,284	2,204,441	10,311,340
April .....	7,093,999	542,083	7,636,082	1,852,998	203,691	2,056,689	9,692,771
May .....	7,484,870	528,284	8,013,154	1,776,333	215,597	1,991,930	10,005,084
June .....	6,784,175	589,988	7,374,163	1,742,280	217,279	1,959,559	9,333,722
July .....	6,228,335	742,070	6,970,405	1,842,727	198,751	2,041,478	9,011,883
August .....	6,306,094	931,151	7,237,245	1,800,826	222,337	2,023,163	9,260,408
September .....	5,986,861	1,081,333	7,068,194	1,784,035	211,869	1,995,904	9,064,098
October .....	6,444,107	1,182,534	7,626,641	2,039,416	216,413	2,255,829	9,882,470
November .....	6,426,505	1,302,905	7,729,410	2,070,707	215,948	2,286,655	10,016,065
December .....	6,564,134	1,373,078	7,937,212	2,048,690	202,079	2,250,769	10,187,981
1963 January .....	6,634,051	1,787,849	8,421,900	2,057,952	218,220	2,276,172	10,698,072
February .....	6,021,397	1,587,000	7,608,397	1,837,229	205,461	2,042,690	9,651,087
March .....	6,639,450	1,448,533	8,087,983	1,992,361	240,902	2,233,263	10,321,246
April .....	6,751,453	961,044	7,712,497	1,934,008	230,106	2,164,114	9,876,611
May .....	7,203,807	805,776	8,009,583	1,934,545	232,854	2,167,399	10,176,982
June .....	6,579,479	843,915	7,423,454	1,806,555	225,083	2,031,638	9,455,092
July .....	6,351,451	1,011,597	7,363,048	1,860,482 <sup>r</sup>	223,040 <sup>r</sup>	2,083,522 <sup>r</sup>	9,446,570 <sup>r</sup>
August .....	6,535,570	1,014,750	7,550,320	1,937,864	251,173 <sup>r</sup>	2,189,037 <sup>r</sup>	9,739,357 <sup>r</sup>
September .....	6,295,740	1,242,288	7,538,028	1,952,083	233,099	2,185,182	9,723,210
October .....							
November .....							
December .....							

(1) Net Generation for year 1962 includes small revisions for the year which are not included in the monthly breakdown.

<sup>r</sup> Revised figures.

.. Figures not available.

CATALOGUE No.

57-001

MONTHLY

# DOMINION BUREAU OF STATISTICS

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## ELECTRIC POWER STATISTICS

OCTOBER 1963

Total net generation by firms which generate a minimum of approximately 10 million kilowatt hours per annum increased by 4.8 per cent to 10,360,264 mwh. in October 1963 from 9,882,470 mwh. generated one year ago.

Industrial establishments decreased their generation 1.4 per cent to 2,223,764 mwh. from 2,255,829 mwh. and utilities increased their generation 6.7 per cent to 1,136,500 mwh. from 7,626,641 mwh.

Exports increased to 285,781 mwh. from 280,485 mwh. and imports increased to 61,533 mwh. from 243,439 mwh. in October 1962.

The amount made available for primary uses increased 8.5 per cent to 10,184,89 mwh. from 9,387,842 mwh. while the amount used in electric boilers decreased 6.8 per cent to 151,927 mwh. from 457,582 mwh. in 1962.

Total net generation for the twelve-month period ending October 31, 1963 amounted to 119,600,005 mwh.

Monthly electric power statistics are designed to provide current information on the production and consumption of electric energy in Canada. In order to expedite the collection and compilation of returns, the series is confined to firms which generate a minimum of 10 million kilowatt hours per annum. These firms, however, accounted for 99.6 per cent of total production in 1960.

In the electric power series, net generation is defined as total generation less the amount used in station service. The "net energy available in Canada" is the sum of net generation, plus imports, less exports. Some of the "amount made available" is sold as surplus or secondary power for use, for the most part, in electric boilers, which is the only form of secondary consumption that can be readily ascertained for all provinces. Energy used in electric boilers is deducted from the "available" in order to provide a figure approximating primary consumption.

Industry Division

September 1963  
106-506

TABLE 1. Electric Energy Statistics

October 1963

No.		Canada	Newfoundland	Prince Edward Island	Nova Scotia
		thousand kwh.			
	<u>October 1963</u>				
1	Net generation - Utilities: Hydro .....	6,626,661	151,944	-	54,27
2	Thermal .....	1,509,839	7,424	9,658	95,923
3	Totals .....	8,136,500	159,368	9,658	150,200
4	Industry: Hydro .....	1,966,166	36,143	-	1,407
5	Thermal .....	257,598	3,753	-	21,644
6	Totals .....	2,223,764	39,896	-	23,051
7	Total net generation .....	10,360,264	199,264	9,658	173,251
8	Energy imported: From other provinces .....	...	-	-	11,039
9	From United States .....	261,533	-	-	-
10	Totals .....	261,533	-	-	11,039
11	Energy exported: To other provinces .....	...	6,883	-	-
12	To United States - Primary .....	80,063	-	-	-
13	Secondary .....	205,718	-	-	-
14	Totals .....	285,781	6,883	-	-
15	Net energy available in Canada .....	10,336,016	192,381	9,658	184,290
16	Amount used in electric boilers .....	151,927	7,539	-	-
17	Net energy available, less amount used in boilers .....	10,184,089	184,842	9,658	184,290
	<u>October 1962<sup>r</sup></u>				
18	Total net generation .....	9,882,470	135,272	8,973	168,407
19	Total energy imported .....	243,439	-	-	547
20	Total energy exported .....	280,485	6,856	-	6,752
21	Net energy available in Canada .....	9,845,424	128,416	8,973	162,202
22	Amount used in electric boilers .....	457,582	9,821	-	-
23	Net energy available, less amount used in boilers .....	9,387,842	118,595	8,973	162,202

<sup>r</sup> Revised figures.

TABLE 2. Electric Energy Statistics, Cumulative Totals

		thousand kwh.			
	<u>January - October 1963</u>				
24	Net generation - Utilities: Hydro .....	65,639,059	1,241,395	-	633,74
25	Thermal .....	12,212,651	37,109	89,329	902,86
26	Totals .....	77,851,710	1,278,504	89,329	1,536,60
27	Industry: Hydro .....	19,279,245	314,348	-	29,79
28	Thermal .....	2,317,536	43,706	-	170,99
29	Totals .....	21,596,781	358,054	-	200,78
30	Total net generation .....	99,448,491	1,636,558	89,329	1,737,39
31	Energy imported: From other provinces .....	...	-	-	42,20
32	From United States .....	2,480,023	-	-	42,20
33	Totals .....	2,480,023	-	-	42,20
34	Energy exported: To other provinces .....	...	57,959	-	63,99
35	To United States - Primary .....	718,052 <sup>r</sup>	-	-	-
36	Secondary .....	2,305,404	-	-	-
37	Totals .....	3,023,456 <sup>r</sup>	57,959	-	63,99
38	Net energy available in Canada .....	98,905,058 <sup>r</sup>	1,578,599	89,329	1,715,60
39	Amount used in electric boilers .....	3,404,620	78,913	-	-
40	Net energy available, less amount used in boilers .....	95,500,438 <sup>r</sup>	1,499,686	89,329	1,715,60
	<u>January - October 1962<sup>r</sup></u>				
41	Total net generation .....	96,798,077	1,308,371	80,886	1,598,0
42	Total energy imported .....	2,135,439	-	-	54,9
43	Total energy exported .....	3,503,049	67,381	-	101,9
44	Net energy available in Canada .....	95,430,467	1,240,990	80,886	1,551,0
45	Amount used in electric boilers .....	4,780,900	92,606	-	-
46	Net energy available, less amount used in boilers .....	90,649,567	1,148,384	80,886	1,551,0

... Figures not appropriate or not applicable.

<sup>r</sup> Revised figures.



TABLE 1. Electric Energy Statistics

October 1963

New Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Yukon and N.W.T.	No.
thousand kwh.								
128,478	2,999,726	2,134,040	390,337	54,034	91,971	609,498	12,356	1
33,409	228	860,642	4,408	188,911	259,948	47,242	2,046	2
161,887	2,999,954	2,994,682	394,745	242,945	351,919	656,740	14,402	3
9,223	1,161,258	130,361	5,017	6,655	-	612,172	3,930	4
49,490	25,118	57,028	-	3,059	30,578	66,928	-	5
58,713	1,186,376	187,389	5,017	9,714	30,578	679,100	3,930	6
220,600	4,186,330	3,182,071	399,762	252,659	382,497	1,335,840	18,332	7
1,882	10,859	356,758	69,821	965	3,841	-	-	8
753	52	259,031	-	-	-	1,697	-	9
2,635	10,911	615,789	69,821	965	3,841	1,697	-	10
11,039	358,317	16,830	1,288	56,967	-	3,841	-	11
16,997	1,255	61,684	1	-	-	126	-	12
7,658	26,826	169,552	-	-	-	1,682	-	13
35,694	386,398	248,066	1,289	56,967	-	5,649	-	14
187,541	3,810,843	3,549,794	468,294	196,657	386,338	1,331,888	18,332	15
-	67,605	32,818	15,817	1,554	-	22,258	4,336	16
187,541	3,743,238	3,516,976	452,477	195,103	386,338	1,309,630	13,996	17
181,572	4,138,266	3,029,327	373,562	228,054	349,526	1,252,188	17,323	18
10,110	8,617	636,866	66,174	941	3,229	8,621	-	19
21,498	425,798	247,183	1,335	58,212	-	4,517	-	20
170,184	3,721,085	3,419,010	438,401	170,783	352,755	1,256,292	17,323	21
48	367,645	35,673	15,377	-	-	25,213	3,805	22
170,136	3,353,440	3,383,337	423,024	170,783	352,755	1,231,079	13,518	23

TABLE 2. Electric Energy Statistics, Cumulative Totals

thousand kwh.								
947,162	29,017,712	22,823,770	3,833,087	540,932	732,253	5,756,007	112,997	24
403,463	1,345	6,069,189	53,260	1,769,094	2,589,178	278,827	18,997	25
1,350,625	29,019,057	28,892,959	3,886,347	2,310,026	3,321,431	6,034,834	131,994	26
60,005	11,645,398	1,188,789	48,807	60,508	-	5,889,763	41,834	27
449,832	252,240	494,100	-	30,879	294,042	581,741	-	28
509,837	11,897,638	1,682,889	48,807	91,387	294,042	6,471,504	41,834	29
1,860,462	40,916,695	30,575,848	3,935,154	2,401,413	3,615,473	12,506,338	173,828	30
83,141	192,175	4,080,787	720,437	64,688	36,604	-	-	31
12,142	559	2,451,413	-	-	-	15,909	-	32
95,283	192,734	6,532,200	720,437	64,688	36,604	15,909	-	33
42,203	4,096,677	284,100	67,948	570,553	-	36,604	-	34
146,164	12,124	558,186 <sup>r</sup>	12	-	-	1,566	-	35
60,367	208,906	2,020,816	-	-	-	15,315	-	36
248,734	4,317,707	2,863,102 <sup>r</sup>	67,960	570,553	-	53,485	-	37
1,707,011	36,791,722	34,244,946 <sup>r</sup>	4,587,631	1,895,548	3,652,077	12,468,762	173,828	38
716	2,550,603	378,105	134,030	13,655	-	209,366	39,232	39
1,706,295	34,241,119	33,866,841 <sup>r</sup>	4,453,601	1,881,893	3,652,077	12,259,396	134,596	40
1,705,463	41,958,404	28,971,042	3,540,377	2,182,340	3,325,225	11,958,668	169,300	41
132,516	84,997	7,228,792	699,674	31,600	33,242	32,059	-	42
246,976	5,418,043	3,184,821	34,834	565,900	-	45,567	-	43
1,591,003	36,625,358	33,015,013	4,205,217	1,648,040	3,358,467	11,945,160	169,300	44
652	3,912,799	446,667	80,458	-	-	207,476	40,242	45
1,590,351	32,712,559	32,568,346	4,124,759	1,648,040	3,358,467	11,737,684	129,058	46

TABLE 3. Electric Energy Made Available

January - October 1963

Month	Total net generation	Imports from United States	Exports to United States	Total made available in Canada	Amount used in electric boilers	Total made available less amount used in electric boilers	Daily average, total net generation
thousand kwh.							
January .....	10,698,072	264,530	335,896	10,626,706	405,925	10,220,781	345,099
February .....	9,651,087	244,302	320,365	9,575,024	374,425	9,200,599	344,682
March .....	10,321,246	250,369	340,474	10,231,141	394,200	9,836,941	332,943
April .....	9,876,611	101,862	298,297	9,770,176	410,348	9,359,828	329,220
May .....	10,176,982	206,200	324,101	10,059,881	446,338	9,612,743	328,290
June .....	9,455,092	239,210	315,055	9,379,247	304,650	9,074,597	315,170
July .....	9,446,570	242,981	259,330	9,430,221	295,918	9,134,303	304,728
August .....	9,739,357	306,477	271,469 <sup>†</sup>	9,774,365 <sup>†</sup>	323,976	9,450,389 <sup>†</sup>	314,172
September .....	9,723,210	272,559	272,688 <sup>†</sup>	9,723,081 <sup>†</sup>	296,913	9,426,168 <sup>†</sup>	324,107
October .....	10,360,264	261,533	285,781	10,336,016	151,927	10,184,089	334,202
November .....							
December .....							
Year .....							

<sup>†</sup> Revised figures.

TABLE 4. Net Generation, 1951-63

CANADA

Year and month	Utilities			Industry			Grand total
	Hydro	Thermal	Total	Hydro	Thermal	Total	
thousand kwh.							
1951 .....	45,819,227	1,732,652	47,551,879	..	..	13,369,527	60,921,406
1952 .....	49,156,895	2,222,115	51,379,010	..	..	14,086,950	65,465,960
1953 .....	49,160,361	3,797,345	52,957,706	..	..	16,400,824	69,358,530
1954 .....	51,713,904	3,178,434	54,892,338	..	..	17,547,555	72,439,893
1955 .....	57,996,293	3,197,153	61,193,446	..	..	18,381,161	79,574,607
1956 .....	64,013,966	4,292,898	68,306,864	..	..	19,119,968	87,426,832
1957 .....	65,817,043	5,572,995	71,390,038	17,155,908	1,714,697	18,870,605	90,260,643
1958 .....	70,840,574	4,690,850	75,531,424	19,409,459	1,816,609	21,226,068	96,757,492
1959 .....	77,251,848	5,286,363	82,538,211	19,265,330	2,052,553	21,317,883	103,856,094
1960 .....	83,024,886	5,957,979	88,982,865	22,743,499	2,313,010	25,056,509	114,039,375
1961 .....	82,014,614	7,049,079	89,063,693	21,660,132	2,497,588	24,157,720	113,221,413
1962(1) .....	80,861,406	10,781,660	91,643,066	22,789,817	2,570,288	25,360,105	117,003,171
1963 .....							
1962 January .....	7,417,680	944,359	8,362,039	2,016,768	225,526	2,242,294	10,604,333
February .....	6,783,244	797,928	7,581,172	1,837,030	213,766	2,050,796	9,631,968
March .....	7,341,190	765,709	8,106,899	1,976,157	228,284	2,204,441	10,311,340
April .....	7,093,999	542,083	7,636,082	1,852,998	203,691	2,056,689	9,692,771
May .....	7,484,870	528,284	8,013,154	1,776,333	215,597	1,991,930	10,005,084
June .....	6,784,175	589,988	7,374,163	1,742,280	217,279	1,959,559	9,333,722
July .....	6,228,335	742,070	6,970,405	1,842,727	198,751	2,041,478	9,011,883
August .....	6,306,094	931,151	7,237,245	1,800,826	222,337	2,023,163	9,260,408
September .....	5,986,861	1,081,333	7,068,194	1,784,035	211,869	1,995,904	9,064,098
October .....	6,444,107	1,182,534	7,626,641	2,039,416	216,413	2,255,829	9,882,470
November .....	6,426,505	1,302,905	7,729,410	2,070,707	215,948	2,286,655	10,016,065
December .....	6,564,134	1,373,078	7,937,212	2,048,690	202,079	2,250,769	10,187,981
1963 January .....	6,634,051	1,787,849	8,421,900	2,057,952	218,220	2,276,172	10,698,072
February .....	6,021,397	1,587,000	7,608,397	1,837,229	205,461	2,042,690	9,651,087
March .....	6,639,450	1,448,533	8,087,983	1,992,361	240,902	2,233,263	10,321,246
April .....	6,751,453	961,044	7,712,497	1,934,008	230,106	2,164,114	9,876,611
May .....	7,203,807	805,776	8,009,583	1,934,545	232,854	2,167,399	10,176,982
June .....	6,579,479	843,975	7,423,454	1,806,555	225,083	2,031,638	9,455,092
July .....	6,351,451	1,011,597	7,363,048	1,860,482	223,040	2,083,522	9,446,570
August .....	6,535,570	1,014,750	7,550,320	1,937,864	251,173	2,189,037	9,739,357
September .....	6,295,740	1,242,288	7,538,028	1,952,083	233,099	2,185,182	9,723,210
October .....	6,626,661	1,509,839	8,136,500	1,966,166	257,598	2,223,764	10,360,264
November .....							
December .....							

(1) Net Generation for year 1962 includes small revisions for the year which are not included in the monthly breakdown.  
 .. Figures not available.

CATALOGUE No.

57-001

MONTHLY

# DOMINION BUREAU OF STATISTICS

OTTAWA - CANADA

Published by Authority of the Minister of Trade and Commerce

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## ELECTRIC POWER STATISTICS

NOVEMBER 1963

Total net generation by firms which generate a minimum of approximately 10 million kilowatt hours per annum increased 8.0 per cent to 10,686,924 mwh. in November 1963 from 9,890,999 mwh. generated one year ago.

Industrial establishments decreased their generation 9.2 per cent to 2,076,129 mwh. from 2,286,655 mwh. and utilities increased their generation 13.2 per cent to 8,610,795 mwh. from 7,604,344 mwh.

Exports increased to 277,379 mwh. from 264,481 mwh. and imports decreased to 174,695 mwh. from 317,152 mwh. in November 1962.

The amount made available for primary uses increased 9.7 per cent to 10,420,566 mwh. from 9,503,824 mwh. while the amount used in electric boilers decreased 62.8 per cent to 163,674 mwh. from 439,846 mwh. in 1962.

Total net generation for the twelve-month period ending November 30, 1963 amounted to 120,392,869 mwh.

Monthly electric power statistics are designed to provide current information on the production and consumption of electric energy in Canada. In order to expedite the collection and compilation of returns, the series is confined to firms which generate a minimum of 10 million kilowatt hours per annum. These firms, however, accounted for 99.6 per cent of total production in 1960.

In the electric power series, net generation is defined as total generation less the amount used in station service. The "net energy available in Canada" is the sum of net generation, plus imports, less exports. Some of the "amount made available" is sold as surplus or secondary power for use, for the most part, in electric boilers, which is the only form of secondary consumption that can be readily ascertained for all provinces. Energy used in electric boilers is deducted from the "available" in order to provide a figure approximating primary consumption.

Industry Division

January 1964  
06-506



TABLE 1. Electric Energy Statistics

November 1963

No.		thousand kwh.			
		Canada	Newfoundland	Prince Edward Island	Nova Scotia
	<u>November 1963</u>				
1	Net generation - Utilities: Hydro .....	6,976,757	144,986	-	64,227
2	Thermal .....	1,634,038	10,033	10,480	92,677
3	Totals .....	8,610,795	155,019	10,480	156,904
4	Industry: Hydro .....	1,820,669	32,618	-	3,928
5	Thermal .....	255,460	3,042	-	19,539
6	Totals .....	2,076,129	35,660	-	23,467
7	Total net generation .....	10,686,924	190,679	10,480	180,371
8	Energy imported: From other provinces .....	...	-	-	9,856
9	From United States .....	174,695	-	-	9,856
10	Totals .....	174,695	-	-	9,856
11	Energy exported: To other provinces .....	...	5,786	-	321
12	To United States - Primary .....	75,493	-	-	-
13	Secondary .....	201,886	-	-	-
14	Totals .....	277,379	5,786	-	321
15	Net energy available in Canada .....	10,584,240	184,893	10,480	189,906
16	Amount used in electric boilers .....	163,674	8,021	-	-
17	Net energy available, less amount used in boilers .....	10,420,566	176,872	10,480	189,906
	<u>November 1962<sup>r</sup></u>				
18	Total net generation .....	9,890,999	141,967	9,503	162,560
19	Total energy imported .....	317,152	-	-	10,137
20	Total energy exported .....	264,481	8,338	-	900
21	Net energy available in Canada .....	9,943,670	133,629	9,503	171,797
22	Amount used in electric boilers .....	439,846	8,974	-	-
23	Net energy available, less amount used in boilers .....	9,503,824	124,655	9,503	171,797

TABLE 2. Electric Energy Statistics, Cumulative Totals

		thousand kwh.			
		Canada	Newfoundland	Prince Edward Island	Nova Scotia
	<u>January - November 1963</u>				
24	Net generation - Utilities: Hydro .....	72,615,816	1,386,381	-	697,971
25	Thermal .....	13,846,689	47,142	99,809	995,500
26	Totals .....	86,462,505	1,433,523	99,809	1,693,500
27	Industry: Hydro .....	21,099,914	346,966	-	33,721
28	Thermal .....	2,569,935 <sup>r</sup>	46,748	-	190,531
29	Totals .....	23,669,849 <sup>r</sup>	393,714	-	224,252
30	Total net generation .....	110,132,354 <sup>r</sup>	1,827,237	99,809	1,917,760
31	Energy imported: From other provinces .....	...	-	-	52,000
32	From United States .....	2,654,718	-	-	52,000
33	Totals .....	2,654,718	-	-	52,000
34	Energy exported: To other provinces .....	...	63,745	-	64,311
35	To United States - Primary .....	793,545	-	-	-
36	Secondary .....	2,507,290	-	-	-
37	Totals .....	3,300,835	63,745	-	64,311
38	Net energy available in Canada .....	109,486,237 <sup>r</sup>	1,763,492	99,809	1,903,500
39	Amount used in electric boilers .....	3,568,294	86,934	-	-
40	Net energy available, less amount used in boilers .....	105,917,943 <sup>r</sup>	1,676,558	99,809	1,903,500
	<u>January - November 1962<sup>r</sup></u>				
41	Total net generation .....	106,689,076	1,450,338	99,809	1,760,000
42	Total energy imported .....	2,452,591	-	-	65,000
43	Total energy exported .....	3,767,530	75,719	-	102,000
44	Net energy available in Canada .....	105,374,137	1,374,619	99,809	1,722,000
45	Amount used in electric boilers .....	5,220,746	101,580	-	-
46	Net energy available, less amount used in boilers .....	100,153,391	1,273,039	99,809	1,722,000

... Figures not appropriate or not applicable.

<sup>r</sup> Revised figures.

TABLE 1. Electric Energy Statistics

November 1963

New Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Yukon and N.W.T.	No.
thousand kwh.								
132,591	3,157,716	2,286,431	405,679	54,206	70,501	645,894	14,526	1
28,596	69	936,302	5,786	204,999	314,034	28,561	2,501	2
161,187	3,157,785	3,222,733	411,465	259,205	384,535	674,455	17,027	3
8,779	1,024,348	118,074	5,355	6,547	-	617,783	3,237	4
48,207	24,012	55,734	-	2,269	32,351	70,306	-	5
56,986	1,048,360	173,808	5,355	8,816	32,351	688,089	3,237	6
218,173	4,206,145	3,396,541	416,820	268,021	416,886	1,362,544	20,264	7
2,157	7,636	338,679	73,456	1,158	5,083	-	-	8
893	64	171,803	-	-	-	1,935	-	9
3,050	7,700	510,482	73,456	1,158	5,083	1,935	-	10
9,856	340,256	18,622	1,417	56,684	-	5,083	-	11
16,241	1,351	57,767	1	-	-	133	-	12
8,224	19,468	171,986	-	-	-	2,208	-	13
34,321	361,075	248,375	1,418	56,684	-	7,424	-	14
186,902	3,852,770	3,658,648	488,858	212,495	421,969	1,357,055	20,264	15
116	66,525	35,956	18,245	1,463	-	27,965	5,383	16
186,786	3,786,245	3,622,692	470,613	211,032	421,969	1,329,090	14,881	17
201,567	4,086,353	3,032,586	390,209	235,770	369,232	1,242,441	18,811	18
4,218	17,542	689,630	66,372	1,041	2,965	10,967	-	19
35,368	405,924	235,534	1,494	58,118	-	4,525	-	20
170,417	3,697,971	3,486,682	455,087	178,693	372,197	1,248,883	18,811	21
187	347,795	36,825	16,593	-	-	24,376	5,096	22
170,230	3,350,176	3,449,857	438,494	178,693	372,197	1,224,507	13,715	23

TABLE 2. Electric Energy Statistics, Cumulative Totals

thousand kwh.								
1,079,753	32,175,428	25,110,201	4,238,766	595,138	802,754	6,401,901	127,523	24
432,059	1,414	7,005,491	59,046	1,974,093	2,903,212	307,388	21,498	25
1,511,812	32,176,842	32,115,692	4,297,812	2,569,231	3,705,966	6,709,289	149,021	26
68,784	12,669,746	1,306,863	54,162	67,055	-	6,507,546	45,071	27
498,039	276,252	546,773 <sup>r</sup>	-	33,148	326,393	652,047	-	28
566,823	12,945,998	1,853,636 <sup>r</sup>	54,162	100,203	326,393	7,159,593	45,071	29
2,078,635	45,122,840	33,969,328 <sup>r</sup>	4,351,974	2,669,434	4,032,359	13,868,882	194,092	30
85,298	199,811	4,419,466	793,893	65,846	41,687	-	-	31
13,035	623	2,623,216	-	-	-	17,844	-	32
98,333	200,434	7,042,682	793,893	65,846	41,687	17,844	-	33
52,059	4,436,933	302,722	69,365	627,237	-	41,687	-	34
162,405	13,475	615,953	13	-	-	1,699	-	35
68,591	228,374	2,192,802	-	-	-	17,523	-	36
283,055	4,678,782	3,111,477	69,378	627,237	-	60,909	-	37
1,893,913	40,644,492	37,900,533 <sup>r</sup>	5,076,489	2,108,043	4,074,046	13,825,817	194,092	38
832	2,617,128	414,061	152,275	15,118	-	237,331	44,615	39
1,893,081	38,027,364	37,486,472 <sup>r</sup>	4,924,214	2,092,925	4,074,046	13,588,486	149,477	40
1,907,030	46,044,757	32,003,628	3,930,586	2,418,110	3,694,457	13,201,109	188,111	41
136,734	102,539	7,918,422	766,046	32,641	36,207	43,026	-	42
282,344	5,823,967	3,420,355	36,328	624,018	-	50,092	-	43
1,761,420	40,323,329	36,501,695	4,660,304	1,826,733	3,730,664	13,194,043	188,111	44
839	4,260,594	483,492	97,051	-	-	231,852	45,338	45
1,760,581	36,062,735	36,018,203	4,563,253	1,826,733	3,730,664	12,962,191	142,773	46

TABLE 3. Electric Energy Made Available

January - November 1963

Month	Total net generation	Imports from United States	Exports to United States	Total made available in Canada	Amount used in electric boilers	Total made available less amount used in electric boilers	Daily average, total net generation
				thousand kwh.			
January .....	10,698,072	264,530	335,896	10,626,706	405,925	10,220,781	345,091
February .....	9,651,087	244,302	320,365	9,575,024	374,425	9,200,599	344,682
March .....	10,321,246	250,369	340,474	10,231,141	394,200	9,836,941	332,943
April .....	9,876,611	101,862	298,297	9,770,176	410,348	9,359,828	329,220
May .....	10,176,982	206,200	324,101	10,059,081	446,338	9,612,743	328,290
June .....	9,455,092	239,210	315,055	9,379,247	304,650	9,074,597	315,170
July .....	9,446,570	242,981	259,330	9,430,221	295,918	9,134,303	304,728
August .....	9,739,357	306,477	271,469	9,774,365	323,976	9,450,389	314,172
September .....	9,723,210	272,559	272,688	9,723,081	296,913	9,426,168	324,107
October .....	10,357,203 <sup>†</sup>	261,533	285,781	10,332,955 <sup>†</sup>	151,927	10,181,028 <sup>†</sup>	334,103
November .....	10,686,924	174,695	277,379	10,584,240	163,674	10,420,566	356,231
December .....							
Year .....							

<sup>†</sup> Revised figures.

TABLE 4. Net Generation, 1951-63

CANADA

Year and month	Utilities			Industry			Grand total
	Hydro	Thermal	Total	Hydro	Thermal	Total	
				thousand kwh.			
1951 .....	45,819,227	1,732,652	47,551,879	..	..	13,369,527	60,921,406
1952 .....	49,156,895	2,222,115	51,379,010	..	..	14,086,950	65,465,960
1953 .....	49,160,361	3,797,345	52,957,706	..	..	16,400,824	69,358,530
1954 .....	51,713,904	3,178,434	54,892,338	..	..	17,547,555	72,439,893
1955 .....	57,996,293	3,197,153	61,193,446	..	..	18,381,161	79,574,607
1956 .....	64,013,966	4,292,898	68,306,864	..	..	19,119,968	87,426,832
1957 .....	65,817,043	5,572,995	71,390,038	17,155,908	1,714,697	18,870,605	90,260,643
1958 .....	70,840,574	4,690,850	75,531,424	19,409,459	1,816,609	21,226,068	96,757,492
1959 .....	77,251,848	5,286,363	82,538,211	19,265,330	2,052,553	21,317,883	103,856,094
1960 .....	83,024,886	5,957,979	88,982,865	22,743,499	2,313,010	25,056,509	114,039,375
1961 .....	82,014,614	7,049,079	89,063,693	21,660,132	2,497,588	24,157,720	113,221,413
1962(1) .....	80,861,406	10,781,660	91,643,066	22,789,817	2,570,288	25,360,105	117,003,171
1963 .....							
1962 January .....	7,417,680	944,359	8,362,039	2,016,768	225,526	2,242,294	10,604,333
February .....	6,783,244	797,928	7,581,172	1,837,030	213,766	2,050,796	9,631,968
March .....	7,341,190	765,709	8,106,899	1,976,157	228,284	2,204,441	10,311,340
April .....	7,093,999	542,083	7,636,082	1,852,998	203,691	2,056,689	9,692,771
May .....	7,484,870	528,284	8,013,154	1,776,333	215,597	1,991,930	10,005,084
June .....	6,784,175	589,988	7,374,163	1,742,280	217,279	1,959,559	9,333,722
July .....	6,228,335	742,070	6,970,405	1,842,727	198,751	2,041,478	9,011,883
August .....	6,306,094	931,151	7,237,245	1,800,826	222,337	2,023,163	9,260,408
September .....	5,986,861	1,081,333	7,068,194	1,784,035	211,869	1,995,904	9,064,098
October .....	6,444,107	1,182,534	7,626,641	2,039,416	216,413	2,255,829	9,882,470
November .....	6,426,505	1,302,905	7,729,410	2,070,707	215,948	2,286,655	10,016,065
December .....	6,564,134	1,373,078	7,937,212	2,048,690	202,079	2,250,769	10,187,981
1963 January .....	6,634,051	1,787,849	8,421,900	2,057,952	218,220	2,276,172	10,698,072
February .....	6,021,397	1,587,000	7,608,397	1,837,229	205,461	2,042,690	9,651,087
March .....	6,639,450	1,448,533	8,087,983	1,992,361	240,902	2,233,263	10,321,246
April .....	6,751,453	961,044	7,712,497	1,934,008	230,106	2,164,114	9,876,611
May .....	7,203,807	805,776	8,009,583	1,934,545	232,854	2,167,399	10,176,982
June .....	6,579,479	843,975	7,423,454	1,806,555	225,083	2,031,638	9,455,092
July .....	6,351,451	1,011,597	7,363,048	1,860,482	223,040	2,083,522	9,446,570
August .....	6,535,570	1,014,750	7,550,320	1,937,864	251,173	2,189,037	9,739,357
September .....	6,295,740	1,242,288	7,538,028	1,952,083	233,099	2,185,182	9,723,210
October .....	6,626,661	1,509,839	8,136,500	1,966,166	254,537 <sup>†</sup>	2,220,703 <sup>†</sup>	10,357,203 <sup>†</sup>
November .....	6,976,757	1,634,038	8,610,795	1,820,669	255,460	2,076,129	10,686,924
December .....							

(1) Net Generation for year 1962 includes small revisions for the year which are not included in the monthly breakdown.  
... Figures not available.

<sup>†</sup> Revised figures.



CATALOGUE No.

57-001

MONTHLY

# DOMINION BUREAU OF STATISTICS

OTTAWA - CANADA

Published by Authority of the Minister of Trade and Commerce

Vol. 31, No. 12

Price: 10 cents, \$1.00 a year

## ELECTRIC POWER STATISTICS

DECEMBER 1963

Total net generation by firms which generate a minimum of approximately 10 million kilowatt hours per annum increased 12.0 per cent to 11,415,292 mwh. in December 1963 from 10,187,981 mwh. generated one year ago.

Industrial establishments decreased their generation 0.7 per cent to 2,234,497 mwh. from 2,250,769 mwh. and utilities increased their generation 15.7 per cent to 9,180,795 mwh. from 7,937,212 mwh.

Exports increased to 323,546 mwh. from 281,951 mwh. and imports decreased to 224,516 mwh. from 338,509 mwh. in December 1962.

The amount made available for primary uses increased 13.1 per cent to 11,136,875 mwh. from 9,844,743 mwh. while the amount used in electric boilers decreased 55.1 per cent to 179,387 mwh. from 399,796 mwh. in 1962.

The installed generating capacity in Canada at December 31, 1963 was approximately 27,050 mw. with hydro installations accounting for 74 per cent of the total.

Monthly electric power statistics are designed to provide current information on the production and consumption of electric energy in Canada. In order to expedite the collection and compilation of returns, the series is confined to firms which generate a minimum of 10 million kilowatt hours per annum. These firms, however, accounted for 99.6 per cent of total production in 1960.

In the electric power series, net generation is defined as total generation less the amount used in station service. The "net energy available in Canada" is the sum of net generation, plus imports, less exports. Some of the "amount made available" is sold as surplus or secondary power for use, for the most part, in electric boilers, which is the only form of secondary consumption that can be readily ascertained for all provinces. Energy used in electric boilers is deducted from the "available" in order to provide a figure approximating primary consumption.

Industry Division

February 1964  
506-506

TABLE 1. Electric Energy Statistics

December 1963

No.		Canada	Newfoundland	Prince Edward Island	Nova Scotia
		thousand kwh.			
	<u>December 1963</u>				
1	Net generation - Utilities: Hydro .....	7,598,456	158,738	-	64,602
2	Thermal .....	1,582,339	5,825	11,331	110,803
3	Totals .....	9,180,795	164,563	11,331	175,405
4	Industry: Hydro .....	1,992,832	35,587	-	3,564
5	Thermal .....	241,665	2,636	-	17,705
6	Totals .....	2,234,497	38,223	-	21,269
7	Total net generation .....	11,415,292	202,786	11,331	196,674
8	Energy imported: From other provinces .....	...	-	-	4,371
9	From United States .....	224,516	-	-	-
10	Totals .....	224,516	-	-	4,371
11	Energy exported: To other provinces .....	...	8,817	-	1,134
12	To United States - Primary .....	74,359	-	-	-
13	Secondary .....	249,187	-	-	-
14	Totals .....	323,546	8,817	-	1,134
15	Net energy available in Canada .....	11,316,262	193,969	11,331	199,911
16	Amount used in electric boilers .....	179,387	8,963	-	-
17	Net energy available, less amount used in boilers .....	11,136,875	185,006	11,331	199,911
	<u>December 1962<sup>r</sup></u>				
18	Total net generation .....	10,187,981	132,716	10,126	177,455
19	Total energy imported .....	338,509	-	-	1,993
20	Total energy exported .....	281,951	6,393	-	3,452
21	Net energy available in Canada .....	10,244,539	126,323	10,126	175,996
22	Amount used in electric boilers .....	399,796	6,493	-	-
23	Net energy available, less amount used in boilers .....	9,844,743	119,830	10,126	175,996

TABLE 2. Electric Energy Statistics, Cumulative Totals

		thousand kwh.			
		<u>January - December 1963</u>			
24	Net generation - Utilities: Hydro .....	80,214,421	1,545,119	-	762,573
25	Thermal .....	15,428,726 <sup>r</sup>	52,967	111,140	1,106,340
26	Totals .....	95,643,147 <sup>r</sup>	1,598,086	111,140	1,868,913
27	Industry: Hydro .....	23,102,958 <sup>r</sup>	382,553	-	37,285
28	Thermal .....	2,811,630 <sup>r</sup>	49,384	-	208,240
29	Totals .....	25,914,588 <sup>r</sup>	431,937	-	245,525
30	Total net generation .....	121,557,735 <sup>r</sup>	2,030,023	111,140	2,114,438
31	Energy imported: From other provinces .....	...	-	-	56,430
32	From United States .....	2,879,234	-	-	-
33	Totals .....	2,879,234	-	-	56,430
34	Energy exported: To other provinces .....	...	72,562	-	65,440
35	To United States - Primary .....	867,904	-	-	-
36	Secondary .....	2,756,477	-	-	-
37	Totals .....	3,624,381	72,562	-	65,440
38	Net energy available in Canada .....	120,812,588 <sup>r</sup>	1,957,461	111,140	2,105,420
39	Amount used in electric boilers .....	3,747,701 <sup>r</sup>	95,897	-	-
40	Net energy available, less amount used in boilers .....	117,064,887 <sup>r</sup>	1,861,564	111,140	2,105,420
	<u>January - December 1962<sup>r</sup></u>				
41	Total net generation .....	116,878,105	1,583,744	100,515	1,938,340
42	Total energy imported .....	2,791,100	-	-	67,000
43	Total energy exported .....	4,049,481	82,112	-	106,200
44	Net energy available in Canada .....	115,619,724	1,501,632	100,515	1,899,140
45	Amount used in electric boilers .....	5,621,428	108,073	-	-
46	Net energy available, less amount used in boilers .....	109,998,296	1,393,559	100,515	1,899,140

... Figures not appropriate or not applicable.

<sup>r</sup> Revised figures.

TABLE 1. Electric Energy Statistics

December 1963

New Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Yukon and N.W.T.	No.
thousand kwh.								
115,084	3,462,009	2,540,661	442,590	57,954	78,417	663,254	15,147	1
51,127	60	754,602	21,981	237,638	346,974	39,631	2,367	2
166,211	3,462,069	3,295,263	464,571	295,592	425,391	702,885	17,514	3
7,491	1,190,298	123,123	5,679	6,747	-	617,109	3,234	4
45,429	23,654	51,794	-	2,087	31,757	66,603	-	5
52,920	1,213,952	174,917	5,679	8,834	31,757	683,712	3,234	6
219,131	4,676,021	3,470,180	470,250	304,426	457,148	1,386,597	20,748	7
3,020	19,125	555,330	87,585	1,240	2,217	-	-	8
992	72	221,444	-	-	-	2,008	-	9
4,012	19,197	776,774	87,585	1,240	2,217	2,008	-	10
4,371	557,079	37,471	1,377	60,422	-	2,217	-	11
15,503	1,476	57,215	2	-	-	163	-	12
9,154	23,654	214,419	-	-	-	1,960	-	13
29,028	582,209	309,105	1,379	60,422	-	4,340	-	14
194,115	4,113,009	3,937,849	556,456	245,244	459,365	1,384,265	20,748	15
-	76,071	37,474	18,421	1,484	-	31,068	5,906	16
194,115	4,036,938	3,900,375	538,035	243,760	459,365	1,353,197	14,842	17
180,793	4,099,272	3,201,370	429,842	264,412	404,560	1,267,005	20,430	18
7,344	45,745	714,919	73,934	1,036	2,496	14,436	-	19
22,846	414,498	293,167	1,355	59,103	-	4,531	-	20
165,291	3,730,519	3,623,122	502,421	206,345	407,056	1,276,910	20,430	21
323	293,381	48,057	18,895	357	-	26,260	6,030	22
164,968	3,437,138	3,575,065	483,526	205,988	407,056	1,250,650	14,400	23

TABLE 2. Electric Energy Statistics, Cumulative Totals

thousand kwh.

1,194,837	35,637,586	27,650,862	4,681,356	653,092	881,171	7,065,155	142,670	24
483,186	1,474	7,760,093	81,027	2,211,731	3,250,186	347,019	23,563 <sup>r</sup>	25
1,678,023	35,639,060	35,410,955	4,762,383	2,864,823	4,131,357	7,412,174	166,233 <sup>r</sup>	26
76,275	13,860,044	1,440,198 <sup>r</sup>	59,841	73,802	-	7,124,655	48,305	27
543,468	299,936 <sup>r</sup>	598,567	-	35,235	358,150	718,650	-	28
619,743	14,159,980 <sup>r</sup>	2,038,765 <sup>r</sup>	59,841	109,037	358,150	7,843,305	48,305	29
2,297,766	49,799,040 <sup>r</sup>	37,449,720 <sup>r</sup>	4,822,224	2,973,860	4,489,507	15,255,479	214,538 <sup>r</sup>	30
88,318	218,936	4,974,796	881,488 <sup>r</sup>	67,086	43,904	-	-	31
14,027	695	2,844,660	-	-	-	19,852	-	32
102,345	219,631	7,819,456	881,488 <sup>r</sup>	67,086	43,904	19,852	-	33
56,430	4,994,012	340,193	70,742	687,669 <sup>r</sup>	-	43,904	-	34
177,908	14,951	673,168	15	-	-	1,862	-	35
77,745	252,028	2,407,221	-	-	-	19,483	-	36
312,083	5,260,991	3,420,582	70,757	687,669 <sup>r</sup>	-	65,249	-	37
2,088,028	44,757,680 <sup>r</sup>	41,848,594 <sup>r</sup>	5,632,955 <sup>r</sup>	2,353,277 <sup>r</sup>	4,533,411	15,210,082	214,538 <sup>r</sup>	38
832	2,693,199	451,535	170,696	16,602	-	268,409 <sup>r</sup>	50,531 <sup>r</sup>	39
2,087,196	42,064,481 <sup>r</sup>	41,397,059 <sup>r</sup>	5,462,259 <sup>r</sup>	2,336,675 <sup>r</sup>	4,533,411	14,941,673 <sup>r</sup>	164,007 <sup>r</sup>	40
2,087,823	50,143,187	35,205,545	4,360,428	2,682,522	4,098,922	14,468,529	208,541	41
144,078	148,284	8,633,341	839,980	33,677	38,703	57,462	-	42
305,190	6,238,465	3,713,522	37,683	683,121	-	54,623	-	43
1,926,711	44,053,006	40,125,364	5,162,725	2,033,078	4,137,625	14,471,368	208,541	44
1,162	4,554,861	531,549	115,946	357	-	258,112	51,368	45
1,925,549	39,498,145	39,593,815	5,046,779	2,032,721	4,137,625	14,213,256	157,173	46



TABLE 3. Electric Energy Made Available

January - December 1963

Month	Total net generation	Imports from United States	Exports to United States	Total made available in Canada	Amount used in electric boilers	Total made available less amount used in electric boilers	Daily average, total net generation
thousand kwh.							
January .....	10,698,072	264,530	335,896	10,626,706	405,925	10,220,781	345,099
February .....	9,651,087	244,302	320,365	9,575,024	374,425	9,200,599	344,682
March .....	10,321,246	250,369	340,474	10,231,141	394,200	9,836,941	332,943
April .....	9,876,611	191,862 <sup>r</sup>	298,297	9,770,176	410,358 <sup>r</sup>	9,359,818 <sup>r</sup>	329,220
May .....	10,177,012 <sup>r</sup>	206,200	324,101	10,059,111 <sup>r</sup>	446,338	9,612,773 <sup>r</sup>	328,290
June .....	9,455,092	239,210	315,055	9,379,247	304,660 <sup>r</sup>	9,074,587 <sup>r</sup>	315,170
July .....	9,446,570	242,981	259,330	9,430,221	295,918	9,134,303	304,728
August .....	9,749,357 <sup>r</sup>	306,477	271,469	9,784,365 <sup>r</sup>	323,976	9,460,389 <sup>r</sup>	314,495
September .....	9,723,210	272,559	272,688	9,723,081	296,913	9,426,168	324,107
October .....	10,357,203	261,533	285,781	10,332,955	151,927	10,181,028	334,103
November .....	10,686,622 <sup>r</sup>	174,965	277,379	10,583,938 <sup>r</sup>	163,674	10,420,264 <sup>r</sup>	356,220
December .....	11,415,292	224,516	323,546	11,316,262	179,387	11,136,875	368,235
Year .....	121,557,374	2,879,234	3,624,381	120,812,227	3,747,701	117,064,526	333,034

<sup>r</sup> Revised figures.

TABLE 4. Net Generation, 1951-63

CANADA

Year and month	Utilities			Industry			Grand total
	Hydro	Thermal	Total	Hydro	Thermal	Total	
thousand kwh.							
1951 .....	45,819,227	1,732,652	47,551,879	..	..	13,369,527	60,921,406
1952 .....	49,156,895	2,222,115	51,379,010	..	..	14,086,950	65,465,960
1953 .....	49,160,361	3,797,345	52,957,706	..	..	16,400,824	69,358,530
1954 .....	51,713,904	3,178,434	54,892,338	..	..	17,547,555	72,439,893
1955 .....	57,996,293	3,197,153	61,193,446	..	..	18,381,161	79,574,607
1956 .....	64,013,966	4,292,898	68,306,864	..	..	19,119,968	87,426,832
1957 .....	65,817,043	5,572,995	71,390,038	17,155,908	1,714,697	18,870,605	90,260,643
1958 .....	70,840,574	4,690,850	75,531,424	19,409,459	1,816,609	21,226,068	96,757,492
1959 .....	77,251,848	5,286,363	82,538,211	19,265,330	2,052,553	21,317,883	103,856,094
1960 .....	83,024,886	5,957,979	88,982,865	22,743,499	2,313,010	25,056,509	114,039,375
1961 .....	82,014,614	7,049,079	89,063,693	21,660,132	2,497,588	24,157,720	113,221,413
1962(1) .....	80,861,406	10,781,660	91,643,066	22,789,817	2,570,288	25,360,105	117,003,171
1963(1) .....	80,214,421	15,428,726	95,643,147	23,102,958	2,811,630	25,914,588	121,557,735
1962 January .....	7,417,680	944,359	8,362,039	2,016,768	225,526	2,242,294	10,604,333
February .....	6,783,244	797,928	7,581,172	1,837,030	213,766	2,050,796	9,631,968
March .....	7,341,190	765,709	8,106,899	1,976,157	228,284	2,204,441	10,311,340
April .....	7,093,999	542,083	7,636,082	1,852,998	203,691	2,056,689	9,692,771
May .....	7,484,870	528,284	8,013,154	1,776,333	215,597	1,991,930	10,005,084
June .....	6,784,175	589,988	7,374,163	1,742,280	217,279	1,959,559	9,333,722
July .....	6,228,335	742,070	6,970,405	1,842,727	198,751	2,041,478	9,011,883
August .....	6,306,094	931,151	7,237,245	1,800,826	222,337	2,023,163	9,260,408
September .....	5,986,861	1,081,333	7,068,194	1,784,035	211,869	1,995,904	9,064,098
October .....	6,444,107	1,182,534	7,626,641	2,039,416	216,413	2,255,829	9,882,470
November .....	6,426,505	1,302,905	7,729,410	2,070,707	215,948	2,286,655	10,016,065
December .....	6,564,134	1,373,078	7,937,212	2,048,690	202,079	2,250,769	10,187,981
1963 January .....	6,634,051	1,787,849	8,421,900	2,057,952	218,220	2,276,172	10,698,072
February .....	6,021,397	1,587,000	7,608,397	1,837,229	205,461	2,042,690	9,651,088
March .....	6,639,450	1,448,533	8,087,983	1,992,361	240,902	2,233,263	10,321,246
April .....	6,751,453	961,044	7,712,497	1,934,008	230,106	2,164,114	9,876,611
May .....	7,203,807	805,776	8,009,583	1,934,545	232,884 <sup>r</sup>	2,167,429 <sup>r</sup>	10,177,011
June .....	6,579,479	843,975	7,423,454	1,806,555	225,083	2,031,638	9,455,099
July .....	6,351,451	1,011,597	7,363,048	1,860,482	223,040	2,083,522	9,446,571
August .....	6,132,370	1,011,750	7,150,320	1,947,864 <sup>r</sup>	251,173	2,199,037 <sup>r</sup>	9,749,357
September .....	6,291,740	1,242,288	7,538,028	1,952,083	233,099	2,185,182	9,723,211
October .....	6,626,661	1,309,839	8,136,500	1,966,166	254,537	2,220,703	10,357,203
November .....	6,976,757	1,633,736 <sup>r</sup>	8,610,493 <sup>r</sup>	1,820,669	255,460	2,076,129	10,686,628
December .....	7,598,456	1,582,339	9,180,795	1,992,832	241,665	2,234,497	11,415,292

(1) Net Generation for year 1963 includes small revisions for the year which are not included in the monthly breakdown.  
 .. Figures not available.  
<sup>r</sup> Revised figures.

CATALOGUE No.

57-001

MONTHLY

## DOMINION BUREAU OF STATISTICS

OTTAWA - CANADA

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ELECTRIC POWER STATISTICS

JANUARY 1964

Total net generation by firms which generate a minimum of approximately 10 million kilowatt hours per annum increased 9.0 per cent to 11,664,487 mwh. in January 1964 from 10,698,072 mwh. generated one year ago.

Industrial establishments increased their generation 9.6 per cent to 2,495,433 mwh. from 2,276,172 mwh. and utilities increased their generation 8.9 per cent to 9,169,054 mwh. from 8,421,900 mwh.

Exports increased to 406,713 mwh. from 335,896 mwh. and imports decreased to 181,965 mwh. from 264,530 mwh. in January 1963.

The amount made available for primary uses increased 10.1 per cent to 11,255,015 mwh. from 10,220,781 mwh. while the amount used in electric boilers decreased 54.4 per cent to 184,724 mwh. from 405,925 mwh. in 1963.

Total net generation for the twelve-month period ending January 31, 1964 amounted to 122,144,317.

Monthly electric power statistics are designed to provide current information on the production and consumption of electric energy in Canada. In order to expedite the collection and compilation of returns, the series is confined to firms which generate a minimum of 10 million kilowatt hours per annum. These firms, however, accounted for 99.6 per cent of total production in 1960.

In the electric power series, net generation is defined as total generation less the amount used in station service. The "net energy available in Canada" is the sum of net generation, plus imports, less exports. Some of the "amount made available" is sold as surplus or secondary power for use, for the most part, in electric boilers, which is the only form of secondary consumption that can be readily ascertained for all provinces. Energy used in electric boilers is deducted from the "available" in order to provide a figure approximating primary consumption.

Industry Division

March 1964  
06-506

TABLE 1. Electric Energy Statistics

January 1964

No.		thousand kwh.			
		Canada	Newfoundland	Prince Edward Island	Nova Scotia
	<u>January 1964</u>				
1	Net generation - Utilities: Hydro .....	7,430,310	162,639	-	67,283
2	Thermal .....	1,738,744	9,250	11,125	126,506
3	Totals .....	9,169,054	171,889	11,125	193,789
4	Industry: Hydro .....	2,234,757	34,184	-	3,953
5	Thermal .....	260,676	4,050	-	16,862
6	Totals .....	2,495,433	38,234	-	20,815
7	Total net generation .....	11,664,487	210,123	11,125	214,604
8	Energy imported: From other provinces .....	...	-	-	347
9	From United States .....	181,965	-	-	-
10	Totals .....	181,965	-	-	347
11	Energy exported: To other provinces .....	...	8,150	-	11,080
12	To United States - Primary .....	73,708	-	-	-
13	Secondary .....	333,005	-	-	-
14	Totals .....	406,713	8,150	-	11,080
15	Net energy available in Canada .....	11,439,739	201,973	11,125	203,871
16	Amount used in electric boilers .....	184,724	7,622	-	-
17	Net energy available, less amount used in boilers .....	11,255,015	194,351	11,125	203,871
	<u>January 1963<sup>r</sup></u>				
18	Total net generation .....	10,698,072	158,975	10,066	195,844
19	Total energy imported .....	264,530	-	-	419
20	Total energy exported .....	335,896	4,895	-	8,916
21	Net energy available in Canada .....	10,626,706	154,080	10,066	187,347
22	Amount used in electric boilers .....	405,925	9,098	-	-
23	Net energy available, less amount used in boilers .....	10,220,781	144,982	10,066	187,347

TABLE 2. Electric Energy Statistics, Cumulative Totals

No.		thousand kwh.			
		Canada	Newfoundland	Prince Edward Island	Nova Scotia
24	Net generation - Utilities: Hydro .....				
25	Thermal .....				
26	Totals .....				
27	Industry: Hydro .....				
28	Thermal .....				
29	Totals .....				
30	Total net generation .....				
31	Energy imported: From other provinces .....				
32	From United States .....				
33	Totals .....				
34	Energy exported: To other provinces .....				
35	To United States - Primary .....				
36	Secondary .....				
37	Totals .....				
38	Net energy available in Canada .....				
39	Amount used in electric boilers .....				
40	Net energy available, less amount used in boilers .....				
41	Total net generation .....				
42	Total energy imported .....				
43	Total energy exported .....				
44	Net energy available in Canada .....				
45	Amount used in electric boilers .....				
46	Net energy available, less amount used in boilers .....				

... Figures not appropriate or not applicable.





TABLE 3. Electric Energy Made Available

January 1964

Month	Total net generation	Imports from United States	Exports to United States	Total made available in Canada	Amount used in electric boilers	Total made available less amount used in electric boilers	Daily average, total net generation
thousand kwh.							
January .....	11,664,487	181,965	406,713	11,439,739	184,724	11,255,015	376,274
February .....							
March .....							
April .....							
May .....							
June .....							
July .....							
August .....							
September .....							
October .....							
November .....							
December .....							
Year .....							

TABLE 4. Net Generation, 1951-63

CANADA

Year and month	Utilities			Industry			Grand total
	Hydro	Thermal	Total	Hydro	Thermal	Total	
thousand kwh.							
1951 .....	45,819,227	1,732,652	47,551,879	..	..	13,369,527	60,921,406
1952 .....	49,156,895	2,222,115	51,379,010	..	..	14,086,950	65,465,960
1953 .....	49,160,361	3,797,345	52,957,706	..	..	16,400,824	69,358,530
1954 .....	51,713,904	3,178,434	54,892,338	..	..	17,547,555	72,439,893
1955 .....	57,996,293	3,197,153	61,193,446	..	..	18,381,161	79,574,607
1956 .....	64,013,966	4,292,898	68,306,864	..	..	19,119,968	87,426,832
1957 .....	65,817,043	5,572,995	71,390,038	17,155,908	1,714,697	18,870,605	90,260,643
1958 .....	70,840,574	4,690,850	75,531,424	19,409,459	1,816,609	21,226,068	96,757,492
1959 .....	77,251,848	5,286,363	82,538,211	19,265,330	2,052,553	21,317,883	103,856,094
1960 .....	83,024,886	5,957,979	88,982,865	22,743,499	2,313,010	25,056,509	114,039,375
1961 .....	82,014,614	7,049,079	89,063,693	21,660,132	2,497,588	24,157,720	113,221,413
1962 .....	80,861,406	10,781,660	91,643,066	22,789,817	2,570,288	25,360,105	117,003,171
1963(1) .....	80,214,421	15,428,726	95,643,147	23,102,958	2,811,630	25,914,588	121,557,735
1963 January .....	6,634,051	1,787,849	8,421,900	2,057,952	218,220	2,276,172	10,698,072
February .....	6,021,397	1,587,000	7,608,397	1,837,229	205,461	2,042,690	9,651,087
March .....	6,639,450	1,448,533	8,087,983	1,992,361	240,902	2,233,263	10,321,246
April .....	6,751,453	961,044	7,712,497	1,934,008	230,106	2,164,114	9,876,611
May .....	7,203,807	805,776	8,009,583	1,934,545	232,884	2,167,429	10,177,012
June .....	6,579,479	843,975	7,423,454	1,806,555	225,083	2,031,638	9,455,092
July .....	6,351,451	1,011,597	7,363,048	1,860,482	223,040	2,083,522	9,446,570
August .....	6,535,570	1,014,750	7,550,320	1,947,864	251,173	2,199,037	9,749,357
September .....	6,295,740	1,242,288	7,538,028	1,952,083	233,099	2,185,182	9,723,210
October .....	6,626,661	1,509,839	8,136,500	1,966,166	254,537	2,220,703	10,357,203
November .....	6,976,757	1,633,736	8,610,493	1,820,669	255,460	2,076,129	10,686,622
December .....	7,598,456	1,582,339	9,180,795	1,992,832	241,665	2,234,497	11,415,292
1964 January .....	7,430,310	1,738,744	9,169,054	2,234,757	260,676	2,495,433	11,664,487
February .....							
March .....							
April .....							
May .....							
June .....							
July .....							
August .....							
September .....							
October .....							
November .....							
December .....							

(1) Net Generation for year 1962 includes small revisions for the year which are not included in the monthly breakdown.  
.. Figures not available.

CATALOGUE No.

57-001

MONTHLY

Canada. Statistics. Bureau of  
DOMINION BUREAU OF STATISTICS

OTTAWA - CANADA

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ELECTRIC POWER STATISTICS

FEBRUARY 1964

Total net generation by firms which generate a minimum of approximately 10 million kilowatt hours per annum increased 12.4 per cent to 10,855,239 mwh. in February 1964 from 9,651,087 mwh. generated one year ago.

Industrial establishments increased their generation 16.0 per cent to 2,370,591 mwh. from 2,042,690 mwh. and generation by utilities increased 11.5 per cent to 8,484,648 mwh. from 7,608,397 mwh.

Exports increased to 342,852 mwh. from 320,365 mwh. and imports decreased to 206,294 mwh. from 244,302 mwh. in February 1963.

The amount made available for primary uses increased 14.3 per cent to 10,518,465 mwh. from 9,200,599 mwh. while the amount used in electric boilers decreased 16.5 per cent to 200,216 mwh. from 374,425 mwh. in 1963.

Total generation for the twelve-month period ending February 29, 1964 amounted to 123,736,192 mwh.

Monthly electric power statistics are designed to provide current information on the production and consumption of electric energy in Canada. In order to expedite the collection and compilation of returns, the series is confined to firms which generate a minimum of 10 million kilowatt hours per annum. These firms, however, accounted for 99.6 per cent of total production in 1961.

In the electric power series, net generation is defined as total generation less the amount used in station service. The "net energy available in Canada" is the sum of net generation, plus imports, less exports. Some of the "amount made available" is sold as surplus or secondary power for use, for the most part, in electric boilers, which is the only form of secondary consumption that can be readily ascertained for all provinces. Energy used in electric boilers is deducted from the "available" in order to provide a figure approximating primary consumption.

Industry Division

r11  
11-513



TABLE 1. Electric Energy Statistics

February 1964

No.		thousand kwh.			
		Canada	Newfoundland	Prince Edward Island	Nova Scotia
	<u>February 1964</u>				
1	Net generation - Utilities: Hydro .....	6,973,464	150,143	-	65,347
2	Thermal .....	1,511,184	4,460	10,014	116,738
3	Totals .....	8,484,648	154,603	10,014	182,086
4	Industry: Hydro .....	2,086,693	33,348	-	3,430
5	Thermal .....	283,898	3,680	-	17,676
6	Totals .....	2,370,591	37,028	-	21,106
7	Total net generation .....	10,855,239	191,631	10,014	203,191
8	Energy imported: From other provinces .....	...	-	-	-
9	From United States .....	206,294	-	-	-
10	Totals .....	206,294	-	-	-
11	Energy exported: To other provinces .....	...	7,265	-	13,471
12	To United States - Primary .....	70,122	-	-	-
13	Secondary .....	272,730	-	-	-
14	Totals .....	342,852	7,265	-	13,471
15	Net energy available in Canada .....	10,718,681	184,366	10,014	189,720
16	Amount used in electric boilers .....	200,216	1,159	-	-
17	Net energy available, less amount used in boilers .....	10,518,465	183,207	10,014	189,720
	<u>February 1963<sup>r</sup></u>				
18	Total net generation .....	9,651,087	141,082	8,962	187,000
19	Total energy imported .....	244,302	-	-	45
20	Total energy exported .....	320,365	4,238	-	18,647
21	Net energy available in Canada .....	9,575,024	136,844	8,962	168,398
22	Amount used in electric boilers .....	374,425	10,317	-	-
23	Net energy available, less amount used in boilers .....	9,200,599	126,527	8,962	168,398

<sup>r</sup> Revised figures.

TABLE 2. Electric Energy Statistics, Cumulative Totals

		thousand kwh.			
		Canada	Newfoundland	Prince Edward Island	Nova Scotia
	<u>January - February 1964</u>				
24	Net generation - Utilities: Hydro .....	14,404,496	312,782	-	132,63
25	Thermal .....	3,249,928	13,710	21,139	243,24
26	Totals .....	17,654,424	326,492	21,139	375,87
27	Industry: Hydro .....	4,314,942	67,532	-	7,38
28	Thermal .....	564,528	7,730	-	34,58
29	Totals .....	4,879,470	75,262	-	41,96
30	Total net generation .....	22,533,894	401,754	21,139	417,79
31	Energy imported: From other provinces .....	...	-	-	-
32	From United States .....	388,259	-	-	-
33	Totals .....	388,259	-	-	-
34	Energy exported: To other provinces .....	...	15,415	-	24,51
35	To United States - Primary .....	143,830	-	-	-
36	Secondary .....	605,735	-	-	-
37	Totals .....	749,565	15,415	-	24,51
38	Net energy available in Canada .....	22,172,588	386,339	21,139	393,5
39	Amount used in electric boilers .....	406,518	8,781	-	-
40	Net energy available, less amount used in boilers .....	21,766,070	377,558	21,139	393,5
	<u>January - February 1963<sup>r</sup></u>				
41	Total net generation .....	20,349,159	300,057	19,028	382,8
42	Total energy imported .....	508,832	-	-	27,1
43	Total energy exported .....	656,261	9,133	-	355,1
44	Net energy available in Canada .....	20,201,730	290,924	19,028	355,1
45	Amount used in electric boilers .....	780,350	19,415	-	-
46	Net energy available, less amount used in boilers .....	19,421,380	271,509	19,028	355,1

... Figures not appropriate or not applicable.

<sup>r</sup> Revised figures.

TABLE 1. Electric Energy Statistics

February 1964

New Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Yukon and N.W.T.	No.
thousand kwh.								
43,597	3,191,081	2,314,442	419,115	90,382	59,533	624,698	15,126	1
88,735	628	751,246	13,474	173,612	315,996	33,529	2,752	2
132,332	3,191,709	3,065,688	432,589	263,994	375,529	658,227	17,878	3
2,839	1,310,001	123,857	5,294	6,378	-	598,356	3,190	4
49,371	29,534	77,056	-	2,156	28,884	75,541	-	5
52,210	1,339,535	200,913	5,294	8,534	28,884	673,897	3,190	6
184,542	4,531,244	3,266,601	437,883	272,528	404,413	1,332,124	21,068	7
15,206	8,566	575,235	81,670	1,150	1,455	-	-	8
1,045	64	202,827	-	-	-	2,358	-	9
16,251	8,630	778,062	81,670	1,150	1,455	2,358	-	10
-	576,805	26,652	1,315	56,319	-	1,455	-	11
12,392	1,411	56,194	-	-	-	125	-	12
5,512	65,179	199,711	-	-	-	2,328	-	13
17,904	643,395	282,557	1,315	56,319	-	3,908	-	14
182,889	3,896,479	3,762,106	518,238	217,359	405,868	1,330,574	21,068	15
-	111,714	35,020	18,227	1,476	-	26,896	5,724	16
182,889	3,784,765	3,727,086	500,011	215,883	405,868	1,303,678	15,344	17
149,545	3,838,294	3,092,375	401,641	246,743	371,757	1,196,675	17,013	18
22,439	44,250	642,826	84,162	5,553	2,535	1,162	-	19
16,350	420,615	353,897	5,659	55,888	-	3,741	-	20
155,634	3,461,929	3,381,304	480,144	196,408	374,292	1,194,096	17,013	21
-	274,650	41,503	16,365	1,400	-	25,992	4,198	22
155,634	3,187,279	3,339,801	463,779	195,008	374,292	1,168,104	12,815	23

TABLE 2. Electric Energy Statistics, Cumulative Totals

thousand kwh.								
109,644	6,572,450	4,764,195	855,856	185,501	132,346	1,297,302	31,790	24
168,025	719	1,649,312	36,490	371,102	667,016	73,403	5,768	25
277,669	6,573,169	6,413,507	902,346	556,603	799,362	1,370,705	37,558	26
6,913	2,718,432	250,293	11,009	13,133	-	1,233,581	6,666	27
98,260	56,270	156,948	-	4,302	59,257	147,223	-	28
105,173	2,774,702	407,241	11,009	17,435	59,257	1,380,804	6,666	29
382,842	9,347,871	6,820,748	913,355	574,038	858,619	2,751,509	44,224	30
28,288	19,024	1,198,764	169,488	2,365	3,121	-	-	31
2,111	140	382,087	-	-	-	3,921	-	32
30,399	19,164	1,580,851	169,488	2,365	3,121	3,921	-	33
347	1,202,220	56,151	2,646	116,946	-	3,121	-	34
26,084	2,910	114,557	-	-	-	279	-	35
12,298	130,871	458,623	-	-	-	3,943	-	36
38,729	1,336,001	629,331	2,646	116,946	-	7,343	-	37
374,512	8,031,034	7,772,268	1,080,197	459,457	861,740	2,748,087	44,224	38
-	223,169	65,845	36,023	2,995	-	57,872	11,833	39
374,512	7,807,865	7,706,423	1,044,174	456,462	861,740	2,690,215	32,391	40
326,743	8,026,396	6,527,558	851,330	531,920	801,362	2,544,593	37,328	41
35,437	92,814	1,329,568	174,710	11,962	4,351	2,671	-	42
35,600	868,203	722,386	12,206	117,159	-	7,156	-	43
326,580	7,251,007	7,134,740	1,013,834	426,723	805,713	2,540,108	37,328	44
-	575,486	83,373	31,366	1,547	-	59,462	9,701	45
326,580	6,675,521	7,051,367	982,468	425,176	805,713	2,480,646	27,627	46

TABLE 3. Electric Energy Made Available

January - February 1964

Month	Total net generation	Imports from United States	Exports to United States	Total made available in Canada	Amount used in electric boilers	Total made available less amount used in electric boilers	Daily average, total net generation
thousand kwh.							
January .....	11,678,655 <sup>r</sup>	181,965	406,713	11,453,907 <sup>r</sup>	206,302 <sup>r</sup>	11,247,605 <sup>r</sup>	376,699
February .....	10,855,239	206,294	342,852	10,718,681	200,216	10,518,465	370,870
March .....							
April .....							
May .....							
June .....							
July .....							
August .....							
September .....							
October .....							
November .....							
December .....							
Year .....							

<sup>r</sup> Revised figures.

TABLE 4. Net Generation, 1951-64

CANADA

Year and month	Utilities			Industry			Grand total
	Hydro	Thermal	Total	Hydro	Thermal	Total	
thousand kwh.							
1951 .....	45,819,227	1,732,652	47,551,879	..	..	13,369,527	60,921,406
1952 .....	49,156,895	2,222,115	51,379,010	..	..	14,086,950	65,465,960
1953 .....	49,160,361	3,797,345	52,957,706	..	..	16,400,824	69,358,530
1954 .....	51,713,904	3,178,434	54,892,338	..	..	17,547,555	72,439,893
1955 .....	57,996,293	3,197,153	61,193,446	..	..	18,381,161	79,574,607
1956 .....	64,013,966	4,292,898	68,306,864	..	..	19,119,968	87,426,832
1957 .....	65,817,043	5,572,995	71,390,038	17,155,908	1,714,697	18,870,605	90,260,643
1958 .....	70,840,574	4,690,850	75,531,424	19,409,459	1,816,609	21,226,068	96,757,492
1959 .....	77,251,848	5,286,363	82,538,211	19,265,330	2,052,553	21,317,883	103,856,094
1960 .....	83,024,886	5,957,979	88,982,865	22,743,499	2,313,010	25,056,509	114,039,375
1961 .....	82,014,614	7,049,079	89,063,693	21,660,132	2,497,588	24,157,720	113,221,413
1962 .....	80,861,406	10,781,660	91,643,066	22,789,817	2,570,288	25,360,105	117,003,171
1963(1) .....	80,214,421	15,428,726	95,643,147	23,096,751 <sup>r</sup>	2,811,559 <sup>r</sup>	25,908,310 <sup>r</sup>	121,551,457 <sup>r</sup>
1963 January .....	6,634,051	1,787,849	8,421,900	2,057,952	218,220	2,276,172	10,698,072
February .....	6,021,397	1,587,000	7,608,397	1,837,229	205,461	2,042,690	9,651,087
March .....	6,639,450	1,448,533	8,087,983	1,992,361	240,902	2,233,263	10,321,246
April .....	6,751,453	961,044	7,712,497	1,934,008	230,106	2,164,114	9,876,611
May .....	7,203,807	805,776	8,009,583	1,934,545	232,884	2,167,429	10,177,012
June .....	6,579,479	843,975	7,423,454	1,805,987 <sup>r</sup>	225,012 <sup>r</sup>	2,030,999 <sup>r</sup>	9,454,453 <sup>r</sup>
July .....	6,351,451	1,011,597	7,363,048	1,860,482	223,040	2,083,522	9,446,570
August .....	6,535,570	1,014,750	7,550,320	1,947,864	251,173	2,199,037	9,749,357
September .....	6,295,740	1,242,288	7,538,028	1,952,083	233,099	2,185,182	9,723,210
October .....	6,626,661	1,509,839	8,136,500	1,966,166	254,537	2,220,703	10,357,203
November .....	6,976,757	1,633,736	8,610,493	1,820,669	255,460	2,076,129	10,686,622
December .....	7,598,456	1,582,339	9,180,795	1,987,193 <sup>r</sup>	241,665	2,228,858 <sup>r</sup>	11,409,653
1964 January .....	7,431,032 <sup>r</sup>	1,738,744	9,169,776 <sup>r</sup>	2,228,249 <sup>r</sup>	280,630 <sup>r</sup>	2,508,879 <sup>r</sup>	11,678,655
February .....	6,973,464	1,511,184	8,484,648	2,086,693	283,898	2,370,591	10,855,239
March .....							
April .....							
May .....							
June .....							
July .....							
August .....							
September .....							
October .....							
November .....							
December .....							

(1) Net Generation for year 1963 includes small revisions for the year which are not included in the monthly breakdown.

.. Figures not available.

<sup>r</sup> Revised figures.



CATALOGUE No.

57-001

MONTHLY

UNIVERSITY OF TORONTO  
DEPT. OF POLITICAL ECONOMY  
**DOMINION BUREAU OF STATISTICS**  
TRANS. & PUB. UTIL. FILE "Z"  
OTTAWA - CANADA

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✓  
ELECTRIC POWER STATISTICS

MARCH 1964

Total net generation by firms which generate a minimum of approximately 10 million kilowatt hours per annum increased 10.0 per cent to 11,358,497 thousand kwh. in March 1964 from 10,321,246 thousand kwh. generated one year ago.

Industrial establishments increased their generation 13.2 per cent to 2,528,362 thousand kwh. from 2,233,263 thousand kwh. and generation by utilities increased 9.2 per cent to 8,830,135 thousand kwh. from 8,087,983 thousand kwh.

Exports decreased to 333,486 thousand kwh. from 340,474 thousand kwh. and imports decreased to 207,822 thousand kwh. from 250,369 thousand kwh. in March 1963.

The amount made available for primary uses increased 11.9 per cent to 11,009,820 thousand kwh. from 9,836,941 thousand kwh. while the amount used in electric boilers decreased to 43.4 per cent to 223,013 thousand kwh. from 394,200 thousand kwh. in 1963.

Total generation for the twelve-month period ending March 31, 1964 amounted to 124,774,343 thousand kwh.

Monthly electric power statistics are designed to provide current information on the production and consumption of electric energy in Canada. In order to expedite the collection and compilation of returns, the series is confined to firms which generate a minimum of 10 million kilowatt hours per annum. These firms, however, accounted for 99.6 per cent of total production in 1961.

In the electric power series, net generation is defined as total generation less the amount used in station service. The "net energy available in Canada" is the sum of net generation, plus imports, less exports. Some of the "amount made available" is sold as surplus or secondary power for use, for the most part, in electric boilers, which is the only form of secondary consumption that can be readily ascertained for all provinces. Energy used in electric boilers is deducted from the "available" in order to provide a figure approximating primary consumption.

Industry Division

May 1964  
11-513

TABLE 1. Electric Energy Statistics

March 1964

No.		thousand kwh.			
		Canada	Newfoundland	Prince Edward Island	Nova Scotia
	<u>March 1964</u>				
1	Net generation - Utilities: Hydro .....	7,469,746	157,629	-	64,160
2	Thermal .....	1,360,389	5,942	10,336	117,711
3	Totals .....	8,830,135	163,571	10,336	181,871
4	Industry: Hydro .....	2,229,351	33,363	-	3,544
5	Thermal .....	299,011	3,240	-	19,812
6	Totals .....	2,528,362	36,603	-	23,356
7	Total net generation .....	11,358,497	200,174	10,336	205,227
8	Energy imported: From other provinces .....	...	-	-	181
9	From United States .....	207,822	-	-	-
10	Totals .....	207,822	-	-	181
11	Energy exported: To other provinces .....	...	6,832	-	9,638
12	To United States - Primary .....	76,063	-	-	-
13	Secondary .....	257,423	-	-	-
14	Totals .....	333,486	6,832	-	9,638
15	Net energy available in Canada .....	11,232,833	193,342	10,336	195,770
16	Amount used in electric boilers .....	223,013	467	-	-
17	Net energy available, less amount used in boilers .....	11,009,820	192,875	10,336	195,770
	<u>March 1963<sup>r</sup></u>				
18	Total net generation .....	10,321,246	152,859	9,350	200,476
19	Total energy imported .....	250,369	-	-	19
20	Total energy exported .....	340,474	4,402	-	19,946
21	Net energy available in Canada .....	10,231,141	148,457	9,350	180,549
22	Amount used in electric boilers .....	394,200	7,871	-	-
23	Net energy available, less amount used in boilers .....	9,836,941	140,586	9,350	180,549

<sup>r</sup> Revised figures.

TABLE 2. Electric Energy Statistics, Cumulative Totals

		thousand kwh.			
		Canada	Newfoundland	Prince Edward Island	Nova Scotia
	<u>January - March 1964</u>				
24	Net generation - Utilities: Hydro .....	21,875,142	470,411	-	196,790
25	Thermal .....	4,610,317	19,652	31,475	360,955
26	Totals .....	26,485,459	490,063	31,475	557,745
27	Industry: Hydro .....	6,544,293	100,895	-	10,927
28	Thermal .....	863,539	10,970	-	54,350
29	Totals .....	7,407,832	111,865	-	65,277
30	Total net generation .....	33,893,291	601,928	31,475	623,022
31	Energy imported: From other provinces .....	...	-	-	528
32	From United States .....	596,081	-	-	-
33	Totals .....	596,081	-	-	528
34	Energy exported: To other provinces .....	...	22,247	-	34,189
35	To United States - Primary .....	219,893	-	-	-
36	Secondary .....	863,158	-	-	-
37	Totals .....	1,083,051	22,247	-	34,189
38	Net energy available in Canada .....	33,406,321	579,681	31,475	589,361
39	Amount used in electric boilers .....	641,339	9,248	-	-
40	Net energy available, less amount used in boilers .....	32,764,982	570,433	31,475	589,361
	<u>January - March 1963<sup>r</sup></u>				
41	Total net generation .....	30,670,405	452,916	28,378	583,320
42	Total energy imported .....	759,201	-	-	481
43	Total energy exported .....	996,735	13,535	-	47,501
44	Net energy available in Canada .....	30,432,871	439,381	28,378	536,291
45	Amount used in electric boilers .....	1,174,550	27,286	-	-
46	Net energy available, less amount used in boilers .....	29,258,321	412,095	28,378	536,291

... Figures not appropriate or not applicable.

<sup>r</sup> Revised figures.

TABLE 1. Electric Energy Statistics

March 1964

New Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Yukon and N.W.T.	No.
thousand kwh.								
51,481	3,341,838	2,580,789	426,137	93,000	87,456	651,294	15,962	1
91,330	225	578,404	12,592	189,310	312,650	38,834	3,055	2
142,811	3,342,063	3,159,193	438,729	282,310	400,106	690,128	19,017	3
2,322	1,391,479	129,668	5,487	6,871	-	653,163	3,454	4
50,906	30,841	80,330	-	2,164	32,269	79,449	-	5
53,228	1,422,320	209,998	5,487	9,035	32,269	732,612	3,454	6
196,039	4,764,383	3,369,191	444,216	291,345	432,375	1,422,740	22,471	7
11,924	8,115	619,327	88,440	1,073	1,678	-	-	8
794	67	205,106	-	-	-	1,855	-	9
12,718	8,182	824,433	88,440	1,073	1,678	1,855	-	10
181	621,537	30,971	1,149	58,752	-	1,678	-	11
14,762	1,445	59,703	-	-	-	153	-	12
5,788	64,446	184,498	-	-	-	2,691	-	13
20,731	687,428	275,172	1,149	58,752	-	4,522	-	14
188,026	4,085,137	3,918,452	531,507	233,666	434,053	1,420,073	22,471	15
-	129,912	42,679	12,385	1,638	-	29,866	6,066	16
188,026	3,955,225	3,875,773	519,122	232,028	434,053	1,390,207	16,405	17
167,451	4,075,958	3,324,308	427,811	249,506	380,351	1,314,581	18,595	18
23,772	17,454	598,925	78,242	7,749	2,154	1,364	-	19
17,485	373,438	331,938	7,987	61,025	-	3,563	-	20
173,738	3,719,974	3,591,295	498,066	196,230	382,505	1,312,382	18,595	21
-	279,581	47,785	26,063	1,590	-	26,755	4,555	22
173,738	3,440,393	3,543,510	472,003	194,640	382,505	1,285,627	14,040	23

TABLE 2. Electric Energy Statistics, Cumulative Totals

thousand kwh.								
161,125	9,915,188	7,344,984	1,291,993	278,501	219,802	1,948,596	47,752	24
259,355	944	2,227,716	49,082	560,412	979,666	112,237	8,823	25
420,480	9,916,132	9,572,700	1,341,075	838,913	1,199,468	2,060,833	56,575	26
9,235	4,109,911	379,961	16,496	20,004	-	1,886,744	10,120	27
149,166	87,111	237,278	-	6,466	91,526	226,672	-	28
158,401	4,197,022	617,239	16,496	26,470	91,526	2,113,416	10,120	29
578,881	14,113,154	10,189,939	1,357,571	865,383	1,290,994	4,174,249	66,695	30
40,212	27,139	1,818,091	257,928	3,438	4,799	-	-	31
2,905	207	587,193	-	-	-	5,776	-	32
43,117	27,346	2,405,284	257,928	3,438	4,799	5,776	-	33
528	1,823,757	87,122	3,795	175,698	-	4,799	-	34
40,846	4,355	174,260	-	-	-	432	-	35
18,086	195,317	643,121	-	-	-	6,634	-	36
59,460	2,023,429	904,503	3,795	175,698	-	11,865	-	37
562,538	12,117,071	11,690,720	1,611,704	693,123	1,295,793	4,168,160	66,695	38
-	364,889	108,524	48,408	4,633	-	87,738	17,899	39
562,538	11,752,182	11,582,196	1,563,296	688,490	1,295,793	4,080,422	48,796	40
494,194	12,102,354	9,851,866	1,279,141	781,426	1,181,713	3,859,174	55,923	41
59,209	110,268	1,928,493	252,952	19,711	6,505	4,035	-	42
53,085	1,241,641	1,054,324	20,193	178,184	-	10,719	-	43
500,318	10,970,981	10,726,035	1,511,900	622,953	1,188,218	3,852,490	55,923	44
-	855,067	131,158	57,429	3,137	-	86,217	14,256	45
500,318	10,115,914	10,594,877	1,454,471	619,816	1,188,218	3,766,273	41,667	46



TABLE 3. Electric Energy Made Available

January - March 1964

Month	Total net generation	Imports from United States	Exports to United States	Total made available in Canada	Amount used in electric boilers	Total made available less amount used in electric boilers	Daily average, total net generation
thousand kwh.							
January .....	11,678,655 <sup>r</sup>	181,965	406,713	11,453,907 <sup>r</sup>	206,302 <sup>r</sup>	11,247,605 <sup>r</sup>	376,699 <sup>r</sup>
February .....	10,856,139 <sup>r</sup>	206,294	342,852	10,719,581 <sup>r</sup>	212,024 <sup>r</sup>	10,507,557 <sup>r</sup>	374,350 <sup>r</sup>
March .....	11,358,497	207,822	333,486	11,232,833	223,013	11,009,820	366,403
April .....							
May .....							
June .....							
July .....							
August .....							
September .....							
October .....							
November .....							
December .....							
Year .....							

<sup>r</sup> Revised figures.

TABLE 4. Net Generation, 1951-64

CANADA

Year and month	Utilities			Industry			Grand total
	Hydro	Thermal	Total	Hydro	Thermal	Total	
thousand kwh.							
1951 .....	45,819,227	1,732,652	47,551,879	..	..	13,369,527	60,921,406
1952 .....	49,156,895	2,222,115	51,379,010	..	..	14,086,950	65,465,960
1953 .....	49,160,361	3,797,345	52,957,706	..	..	16,400,824	69,358,530
1954 .....	51,713,904	3,178,434	54,892,338	..	..	17,547,555	72,439,893
1955 .....	57,996,293	3,197,153	61,193,446	..	..	18,381,161	79,574,607
1956 .....	64,013,966	4,292,898	68,306,864	..	..	19,119,968	87,426,832
1957 .....	65,817,043	5,572,995	71,390,038	17,155,908	1,714,697	18,870,605	90,260,643
1958 .....	70,840,574	4,690,850	75,531,424	19,409,459	1,816,609	21,226,068	96,757,492
1959 .....	77,251,848	5,286,363	82,538,211	19,265,330	2,052,553	21,317,883	103,856,094
1960 .....	83,024,886	5,957,979	88,982,865	22,743,499	2,313,010	25,056,509	114,039,375
1961 .....	82,014,614	7,049,079	89,063,693	21,660,132	2,497,588	24,157,720	113,221,413
1962 .....	80,861,406	10,781,660	91,643,066	22,789,817	2,570,288	25,360,105	117,003,171
1963(1) .....	80,214,421	15,428,726	95,643,147	23,096,751 <sup>r</sup>	2,811,559 <sup>r</sup>	25,908,310 <sup>r</sup>	121,551,457 <sup>r</sup>
1963 January .....	6,634,051	1,787,849	8,421,900	2,057,952	218,220	2,276,172	10,698,072
February .....	6,021,397	1,587,000	7,608,397	1,837,229	205,461	2,042,690	9,651,087
March .....	6,639,450	1,448,533	8,087,983	1,992,361	240,902	2,233,263	10,321,246
April .....	6,751,453	961,044	7,712,497	1,934,008	230,106	2,164,114	9,876,611
May .....	7,203,807	805,776	8,009,583	1,934,545	232,884	2,167,429	10,177,012
June .....	6,579,479	843,975	7,423,454	1,805,987 <sup>r</sup>	225,012 <sup>r</sup>	2,030,999 <sup>r</sup>	9,454,453 <sup>r</sup>
July .....	6,351,451	1,011,597	7,363,048	1,860,482	223,040	2,083,522	9,446,570
August .....	6,535,570	1,014,750	7,550,320	1,947,864	251,173	2,199,037	9,749,357
September .....	6,295,740	1,242,288	7,538,028	1,952,083	233,099	2,185,182	9,723,210
October .....	6,626,661	1,509,839	8,136,500	1,966,166	254,537	2,220,703	10,357,203
November .....	6,976,757	1,633,736	8,610,493	1,820,669	255,460	2,076,129	10,686,622
December .....	7,598,456	1,582,339	9,180,795	1,987,193 <sup>r</sup>	241,665	2,228,858 <sup>r</sup>	11,409,653
1964 January .....	7,431,032 <sup>r</sup>	1,738,744	9,169,776 <sup>r</sup>	2,228,249 <sup>r</sup>	280,630 <sup>r</sup>	2,508,879 <sup>r</sup>	11,678,655
February .....	6,974,364 <sup>r</sup>	1,511,184	8,485,548 <sup>r</sup>	2,086,693	283,898	2,370,591	10,856,139
March .....	7,469,746	1,360,389	8,830,135	2,229,351	299,011	2,528,362	11,358,497
April .....							
May .....							
June .....							
July .....							
August .....							
September .....							
October .....							
November .....							
December .....							

(1) Net Generation for year 1963 includes small revisions for the year which are not included in the monthly breakdown.

.. Figures not available.

<sup>r</sup> Revised figures.

CATALOGUE No.

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MONTHLY

Canada, Statistics, Bureau of

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## ELECTRIC POWER STATISTICS

APRIL 1964

Total net generation by firms which generate a minimum of approximately 10 million kilowatt hours per annum increased 9.8 per cent to 10,842,688 thousand kwh. in April 1964 from 9,876,611 thousand kwh. generated one year ago.

Industrial establishments increased their generation 14.1 per cent to 2,468,3 thousand kwh. from 2,164,114 thousand kwh. and generation by utilities increased 6 per cent to 8,373,815 thousand kwh. from 7,712,497 thousand kwh.

Exports increased to 343,625 thousand kwh. from 298,297 thousand kwh. and imports increased to 182,453 thousand kwh. from 119,862 thousand kwh. in April 1963.

The amount made available for primary uses increased 12.1 per cent to 10,493,0 thousand kwh. from 9,359,818 thousand kwh. while the amount used in electric boilers decreased 54.3 per cent to 187,646 thousand kwh. from 410,358 thousand kwh. in 1963.

Total generation for the twelve-month period ending April 30, 1964 amounted 125,740,420 thousand kwh.

Monthly electric power statistics are designed to provide current information on the production and consumption of electric energy in Canada. In order to expedite the collection and compilation of returns, the series is confined to firms which generate a minimum of 10 million kilowatt hours per annum. These firms, however, accounted for 99.6 per cent of total production in 1961.

In the electric power series, net generation is defined as total generation less the amount used in station service. The "net energy available in Canada" is the sum of net generation, plus imports, less exports. Some of the "amount made available" is sold as surplus or secondary power for use, for the most part, in electric boilers, which is the only form of secondary consumption that can be readily ascertained for all provinces. Energy used in electric boilers is deducted from the "available" in order to provide a figure approximating primary consumption.

Industry Division

1964

-513

TABLE 1. Electric Energy Statistics

April 1964

No.		thousand kwh.			
		Canada	Newfoundland	Prince Edward Island	Nova Scotia
	<u>April 1964</u>				
1	Net generation - Utilities: Hydro .....	7,146,081	152,622	-	68,891
2	Thermal .....	1,227,734	3,084	9,529	87,814
3	Totals .....	8,373,815	155,706	9,529	156,705
4	Industry: Hydro .....	2,181,519	30,922	-	3,412
5	Thermal .....	287,354	2,483	-	18,839
6	Totals .....	2,468,873	33,405	-	22,251
7	Total net generation .....	10,842,688	189,111	9,529	178,956
8	Energy imported: From other provinces .....	...	-	-	7,974
9	From United States .....	182,453	-	-	-
10	Totals .....	182,453	-	-	7,974
11	Energy exported: To other provinces .....	...	5,509	-	2,903
12	To United States - Primary .....	76,286	-	-	-
13	Secondary .....	267,339	-	-	-
14	Totals .....	343,625	5,509	-	2,903
15	Net energy available in Canada .....	10,681,516	183,602	9,529	184,027
16	Amount used in electric boilers .....	187,646	189	-	-
17	Net energy available, less amount used in boilers .....	10,493,870	183,413	9,529	184,027
	<u>April 1963<sup>r</sup></u>				
18	Total net generation .....	9,876,611	144,909	8,598	169,224
19	Total energy imported .....	191,862	-	-	5,459
20	Total energy exported .....	298,297	4,611	-	2,308
21	Net energy available in Canada .....	9,770,176	140,298	8,598	172,375
22	Amount used in electric boilers .....	410,358	7,153	-	-
23	Net energy available, less amount used in boilers .....	9,359,818	133,145	8,598	172,375

TABLE 2. Electric Energy Statistics, Cumulative Totals

		thousand kwh.			
		Canada	Newfoundland	Prince Edward Island	Nova Scotia
	<u>January - April 1964</u>				
24	Net generation - Utilities: Hydro .....	29,021,223	623,033	-	265,681
25	Thermal .....	5,838,051	22,736	41,004	448,761
26	Totals .....	34,859,274	645,769	41,004	714,451
27	Industry: Hydro .....	8,725,812	131,817	-	14,339
28	Thermal .....	1,150,893	13,453	-	73,181
29	Totals .....	9,876,705	145,270	-	87,520
30	Total net generation .....	44,735,979	791,039	41,004	801,971
31	Energy imported: From other provinces .....	...	-	-	8,566
32	From United States .....	778,534	-	-	-
33	Totals .....	778,534	-	-	8,566
34	Energy exported: To other provinces .....	...	27,756	-	37,051
35	To United States - Primary .....	296,179	-	-	-
36	Secondary .....	1,130,497	-	-	37,051
37	Totals .....	1,426,676	27,756	-	-
38	Net energy available in Canada .....	44,087,837	763,283	41,004	773,441
39	Amount used in electric boilers .....	828,985	9,437	-	-
40	Net energy available, less amount used in boilers .....	43,258,852	753,846	41,004	773,441
	<u>January - April 1963<sup>r</sup></u>				
41	Total net generation .....	40,547,016	597,825	36,976	752,591
42	Total energy imported .....	951,063	-	-	5,991
43	Total energy exported .....	1,295,032	18,146	-	49,891
44	Net energy available in Canada .....	40,203,047	579,679	36,976	708,691
45	Amount used in electric boilers .....	1,584,908	34,439	-	-
46	Net energy available, less amount used in boilers .....	38,618,139	545,240	36,976	708,691

... Figures not appropriate or not applicable.



TABLE 1. Electric Energy Statistics

April 1964

New Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Yukon and N.W.T.	No.
thousand kwh.								
95,431	3,142,407	2,480,063	397,086	115,035	66,318	614,729	13,499	1
62,664	151	587,496	4,327	134,572	284,932	50,546	2,619	2
158,095	3,142,558	3,067,559	401,413	249,607	351,250	665,250	16,118	3
5,318	1,363,548	131,929	5,678	5,774	-	631,689	3,249	4
49,709	25,495	77,581	-	2,665	30,541	80,041	-	5
55,027	1,389,043	209,510	5,678	8,439	30,541	711,730	3,249	6
213,122	4,531,601	3,277,069	407,091	258,046	381,791	1,377,005	19,367	7
5,001	6,996	568,205	65,374	1,196	3,894	-	-	8
572	68	178,458	-	-	-	3,355	-	9
5,573	7,064	746,663	65,374	1,196	3,894	3,355	-	10
7,974	567,423	10,797	4,076	56,064	-	3,894	-	11
15,297	1,317	59,538	-	-	-	134	-	12
8,193	68,500	188,207	-	-	-	2,439	-	13
31,464	637,240	258,542	4,076	56,064	-	6,467	-	14
187,231	3,901,425	3,765,190	468,389	203,178	385,685	1,373,893	19,367	15
117	105,006	37,988	11,889	845	-	25,637	5,975	16
187,114	3,796,419	3,727,202	456,500	202,333	385,685	1,348,256	13,392	17
189,581	4,092,991	3,061,518	397,437	224,976	342,772	1,228,196	16,409	18
5,526	9,566	598,910	69,700	9,257	3,926	1,522	-	19
29,046	431,444	270,913	9,698	56,828	-	5,453	-	20
166,061	3,671,113	3,389,515	457,439	177,405	346,698	1,224,265	16,409	21
-	301,503	47,054	25,661	1,222	-	23,681	4,084	22
166,061	3,369,610	3,342,461	431,778	176,183	346,698	1,200,584	12,325	23

TABLE 2. Electric Energy Statistics, Cumulative Totals

thousand kwh.								
256,556	13,057,595	9,825,047	1,689,079	393,536	286,120	2,563,325	61,251	24
322,019	1,095	2,815,212	53,409	694,984	1,264,598	162,783	11,442	25
578,575	13,058,690	12,640,259	1,742,488	1,088,520	1,550,718	2,726,108	72,693	26
14,553	5,473,459	511,890	22,174	25,778	-	2,518,433	13,369	27
198,875	112,606	314,859	-	9,131	122,067	306,713	-	28
213,428	5,586,065	826,749	22,174	34,909	122,067	2,825,146	13,369	29
792,003	18,644,755	13,467,008	1,764,662	1,123,429	1,672,785	5,551,254	86,062	30
45,213	33,991	2,386,296	323,302	4,634	8,693	-	-	31
3,477	275	765,651	-	-	-	9,131	-	32
48,690	34,266	3,151,947	323,302	4,634	8,693	9,131	-	33
8,561	2,391,180	97,775	7,871	231,762	-	8,693	-	34
56,143	5,672	233,798	-	-	-	566	-	35
26,279	263,817	831,328	-	-	-	9,073	-	36
90,983	2,660,669	1,162,901	7,871	231,762	-	18,332	-	37
749,710	16,018,352	15,456,054	2,080,093	896,301	1,681,478	5,542,053	86,062	38
117	469,895	146,512	60,297	5,478	-	113,375	23,874	39
749,593	15,548,457	15,309,542	2,019,796	890,823	1,681,478	5,428,678	62,188	40
683,775	16,195,345	12,913,384	1,676,578	1,006,402	1,524,485	5,087,370	72,332	41
64,735	119,834	2,527,403	322,652	28,968	10,431	5,557	-	42
82,131	1,673,085	1,325,237	29,891	235,012	-	16,172	-	43
666,379	14,642,094	14,115,550	1,969,339	800,358	1,534,916	5,076,755	72,332	44
-	1,156,570	178,212	83,090	4,359	-	109,898	18,340	45
666,379	13,485,524	13,937,338	1,886,249	795,999	1,534,916	4,966,857	53,992	46

TABLE 3. Electric Energy Made Available

January - April 1964

Month	Total net generation	Imports from United States	Exports to United States	Total made available in Canada	Amount used in electric boilers	Total made available less amount used in electric boilers	Daily average, total net generation
thousand kwh.							
January .....	11,678,655	181,965	406,713	11,453,907	206,302	11,247,605	376,699
February .....	10,856,139	206,294	342,852	10,719,581	212,024	10,507,557	374,350
March .....	11,358,497	207,822	333,486	11,232,833	223,013	11,009,820	366,403
April .....	10,842,688	182,453	343,625	10,681,516	187,646	10,493,870	361,423
May .....							
June .....							
July .....							
August .....							
September .....							
October .....							
November .....							
December .....							
Year .....							

<sup>r</sup> Revised figures.

TABLE 4. Net Generation, 1951-64

CANADA

Year and month	Utilities			Industry			Grand total
	Hydro	Thermal	Total	Hydro	Thermal	Total	
thousand kwh.							
1951 .....	45,819,227	1,732,652	47,551,879	..	..	13,369,527	60,921,406
1952 .....	49,156,895	2,222,115	51,379,010	..	..	14,086,950	65,465,960
1953 .....	49,160,361	3,797,345	52,957,706	..	..	16,400,824	69,358,530
1954 .....	51,713,904	3,178,434	54,892,338	..	..	17,547,555	72,439,893
1955 .....	57,996,293	3,197,153	61,193,446	..	..	18,381,161	79,574,607
1956 .....	64,013,966	4,292,898	68,306,864	..	..	19,119,968	87,426,832
1957 .....	65,817,043	5,572,995	71,390,038	17,155,908	1,714,697	18,870,605	90,260,643
1958 .....	70,840,574	4,690,850	75,531,424	19,409,459	1,816,609	21,226,068	96,757,492
1959 .....	77,251,848	5,286,363	82,538,211	19,265,330	2,052,553	21,317,883	103,856,094
1960 .....	83,024,886	5,957,979	88,982,865	22,743,499	2,313,010	25,056,509	114,039,375
1961 .....	82,014,614	7,049,079	89,063,693	21,660,132	2,497,588	24,157,720	113,221,413
1962 .....	80,861,406	10,781,660	91,643,066	22,789,817	2,570,288	25,360,105	117,003,171
1963(1) .....	80,214,421	15,428,726	95,643,147	23,096,751 <sup>r</sup>	2,811,559 <sup>r</sup>	25,908,310 <sup>r</sup>	121,551,457 <sup>r</sup>
1963 January .....	6,634,051	1,787,849	8,421,900	2,057,952	218,220	2,276,172	10,698,072
February .....	6,021,397	1,587,000	7,608,397	1,837,229	205,461	2,042,690	9,651,087
March .....	6,639,450	1,448,533	8,087,983	1,992,361	240,902	2,233,263	10,321,246
April .....	6,751,453	961,044	7,712,497	1,934,008	230,106	2,164,114	9,876,611
May .....	7,203,807	805,776	8,009,583	1,934,545	232,884	2,167,429	10,177,012
June .....	6,579,479	843,975	7,423,454	1,805,987 <sup>r</sup>	225,012 <sup>r</sup>	2,030,999 <sup>r</sup>	9,454,453 <sup>r</sup>
July .....	6,351,451	1,011,597	7,363,048	1,860,482	223,040	2,083,522	9,446,570
August .....	6,535,570	1,014,750	7,550,320	1,947,864	251,173	2,199,037	9,749,357
September .....	6,295,740	1,242,288	7,538,028	1,952,083	233,099	2,185,182	9,723,210
October .....	6,626,661	1,509,839	8,136,500	1,966,166	254,537	2,220,703	10,357,203
November .....	6,976,757	1,633,736	8,610,493	1,820,669	255,460	2,076,129	10,686,622
December .....	7,598,456	1,582,339	9,180,795	1,987,193 <sup>r</sup>	241,665	2,228,858 <sup>r</sup>	11,409,653 <sup>r</sup>
1964 January .....	7,431,032	1,738,744	9,169,776	2,228,249	280,630	2,508,879	11,678,655
February .....	6,974,364	1,511,184	8,485,548	2,086,693	283,898	2,370,591	10,856,139
March .....	7,469,746	1,360,389	8,830,135	2,229,351	299,011	2,528,362	11,358,497
April .....	7,146,081	1,227,734	8,373,815	2,181,519	287,354	2,468,873	10,842,688
May .....							
June .....							
July .....							
August .....							
September .....							
October .....							
November .....							
December .....							

(1) Net Generation for year 1963 includes small revisions for the year which are not included in the monthly breakdown.

.. Figures not available.

<sup>r</sup> Revised figures.

CATALOGUE No.

57-001

MONTHLY

Canada. Statistics, Bureau of

## DOMINION BUREAU OF STATISTICS

OTTAWA - CANADA

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ELECTRIC POWER STATISTICS

MAY 1964

Total net generation by firms which generate a minimum of approximately 10 million kilowatt hours per annum increased 5.5 per cent to 10,731,775 thousand kwh. in May 1964 from 10,177,012 thousand kwh. generated one year ago.

Industrial establishments increased their generation 17.5 per cent to 2,547,319 thousand kwh. from 2,167,429 thousand kwh. and generation by utilities increased 2.2 per cent to 8,184,456 thousand kwh. from 8,009,583 thousand kwh.

Exports increased to 336,816 thousand kwh. from 324,101 thousand kwh. and imports increased to 244,896 thousand kwh. from 206,200 thousand kwh. in May 1963.

The amount made available for primary uses increased 7.8 per cent to 10,360,988 thousand kwh. from 9,612,773 thousand kwh. while the amount used in electric boilers decreased 37.5 per cent to 278,867 thousand kwh. from 446,338 thousand kwh. in 1963.

Total generation for the twelve-month period ending May 31, 1964 amounted to 26,295,183 thousand kwh.

Monthly electric power statistics are designed to provide current information on the production and consumption of electric energy in Canada. In order to expedite the collection and compilation of returns, the series is confined to firms which generate a minimum of 10 million kilowatt hours per annum. These firms, however, accounted for 99.6 per cent of total production in 1962.

In the electric power series, net generation is defined as total generation less the amount used in station service. The "net energy available in Canada" is the sum of net generation, plus imports, less exports. Some of the "amount made available" is sold as surplus or secondary power for use, for the most part, in electric boilers, which is the only form of secondary consumption that can be readily ascertained for all provinces. Energy used in electric boilers is deducted from the "available" in order to provide a figure approximating primary consumption.

Industry Division

May 1964  
11-513



TABLE 1. Electric Energy Statistics

May 1964

No.		thousand kwh.			
		Canada	Newfoundland	Prince Edward Island	Nova Scotia
	May 1964				
1	Net generation - Utilities: Hydro .....	7,326,441	159,107	-	53,677
2	Thermal .....	858,015	2,658	9,039	89,087
3	Totals .....	8,184,456	161,765	9,039	142,764
4	Industry: Hydro .....	2,255,018	31,159	-	2,788
5	Thermal .....	292,301	2,937	-	22,080
6	Totals .....	2,547,319	34,096	-	24,868
7	Total net generation .....	10,731,775	195,861	9,039	167,632
8	Energy imported: From other provinces .....	...	-	-	11,848
9	From United States .....	244,896	-	-	-
10	Totals .....	244,896	-	-	11,848
11	Energy exported: To other provinces .....	...	6,504	-	21,151
12	To United States - Primary .....	79,842	-	-	-
13	Secondary .....	256,974	-	-	-
14	Totals .....	336,816	6,504	-	21,151
15	Net energy available in Canada .....	10,639,855	189,357	9,039	179,261
16	Amount used in electric boilers .....	278,867	108	-	-
17	Net energy available, less amount used in boilers .....	10,360,988	189,249	9,039	179,261
	May 1963 <sup>†</sup>				
18	Total net generation .....	10,177,012	170,889	8,259	167,911
19	Total energy imported .....	206,200	-	-	4,691
20	Total energy exported .....	324,101	6,810	-	1,651
21	Net energy available in Canada .....	10,059,111	164,079	8,259	170,951
22	Amount used in electric boilers .....	446,338	9,365	-	-
23	Net energy available, less amount used in boilers .....	9,612,773	154,714	8,259	170,951

TABLE 2. Electric Energy Statistics, Cumulative Totals

		thousand kwh.			
		Canada	Newfoundland	Prince Edward Island	Nova Scotia
	January - May 1964				
24	Net generation - Utilities: Hydro .....	36,347,664	782,140	-	319,351
25	Thermal .....	6,696,066	25,394	50,043	537,811
26	Totals .....	43,043,730	807,534	50,043	857,162
27	Industry: Hydro .....	10,980,830	162,976	-	17,111
28	Thermal .....	1,443,194	16,390	-	95,211
29	Totals .....	12,424,024	179,366	-	112,322
30	Total net generation .....	55,467,754	986,900	50,043	969,483
31	Energy imported: From other provinces .....	...	-	-	20,411
32	From United States .....	1,023,430	-	-	-
33	Totals .....	1,023,430	-	-	20,411
34	Energy exported: To other provinces .....	...	34,260	-	37,311
35	To United States - Primary .....	376,021	-	-	-
36	Secondary .....	1,387,471	-	-	-
37	Totals .....	1,763,492	34,260	-	37,311
38	Net energy available in Canada .....	54,727,692	952,640	50,043	952,794
39	Amount used in electric boilers .....	1,107,852	9,545	-	-
40	Net energy available, less amount used in boilers .....	53,619,840	943,095	50,043	952,794
	January - May 1963 <sup>†</sup>				
41	Total net generation .....	50,724,028	768,714	45,235	920,411
42	Total energy imported .....	1,157,263	-	-	10,611
43	Total energy exported .....	1,619,133	24,956	-	51,211
44	Net energy available in Canada .....	50,262,158	743,758	45,235	879,611
45	Amount used in electric boilers .....	2,031,246	43,804	-	-
46	Net energy available, less amount used in boilers .....	48,230,912	699,954	45,235	879,611

<sup>†</sup> Revised figures.

... Figures not appropriate or not applicable.

TABLE 1. Electric Energy Statistics

May 1964

New Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Yukon and N.W.T.	No.
thousand kwh.								
138,154	3,106,921	2,683,360	395,894	119,738	57,948	598,544	13,098	1
31,477	634	248,996	1,820	126,066	292,502	53,245	2,491	2
169,631	3,107,555	2,932,356	397,714	245,804	350,450	651,789	15,589	3
9,341	1,417,574	134,386	5,828	6,930	-	643,462	3,550	4
45,018	29,880	77,430	-	2,255	33,138	79,563	-	5
54,359	1,447,454	211,816	5,828	9,185	33,138	723,025	3,550	6
223,990	4,555,009	3,144,172	403,542	254,989	383,588	1,374,814	19,139	7
2,286	11,962	543,538	58,366	1,328	3,858	-	-	8
452	53	241,538	-	-	-	2,853	-	9
2,738	12,015	785,076	58,366	1,328	3,858	2,853	-	10
11,848	545,234	13,494	1,705	50,330	-	3,858	-	11
16,669	1,284	61,749	-	-	-	140	-	12
10,097	46,859	197,296	-	-	-	2,722	-	13
38,614	593,377	272,539	1,705	50,330	-	6,720	-	14
188,114	3,973,647	3,656,709	460,203	205,987	387,446	1,370,947	19,139	15
-	171,226	61,624	17,441	2,003	-	20,975	5,490	16
188,114	3,802,421	3,595,085	442,762	203,984	387,446	1,349,972	13,649	17
196,231	4,358,617	3,035,412	400,637	232,503	347,015	1,242,442	17,091	18
4,709	8,718	705,872	64,535	5,850	4,547	1,668	-	19
28,086	525,307	286,752	6,215	57,383	-	6,283	-	20
172,854	3,842,028	3,454,532	458,957	180,970	351,562	1,237,827	17,091	21
311	339,411	52,595	20,133	1,778	-	18,748	3,997	22
172,543	3,502,617	3,401,937	438,824	179,192	351,562	1,219,079	13,094	23

TABLE 2. Electric Energy Statistics, Cumulative Totals

thousand kwh.								
394,710	16,164,516	12,508,407	2,084,973	513,274	344,068	3,161,869	74,349	24
353,496	1,729	3,064,208	55,229	821,050	1,557,100	216,028	13,933	25
748,206	16,166,245	15,572,615	2,140,202	1,334,324	1,901,168	3,377,897	88,282	26
23,894	6,891,033	646,276	28,002	32,708	-	3,161,895	16,919	27
243,893	142,486	392,289	-	11,386	155,205	386,276	-	28
267,787	7,033,519	1,038,565	28,002	44,094	155,205	3,548,171	16,919	29
1,015,993	23,199,764	16,611,180	2,168,204	1,378,418	2,056,373	6,926,068	105,201	30
47,499	45,953	2,929,834	381,668	5,962	12,551	-	-	31
3,929	328	1,007,189	-	-	-	11,984	-	32
51,428	46,281	3,937,023	381,668	5,962	12,551	11,984	-	33
20,409	2,936,414	111,269	9,576	282,092	-	12,551	-	34
72,812	6,956	295,547	-	-	-	706	-	35
36,376	310,676	1,028,624	-	-	-	11,795	-	36
129,597	3,254,046	1,435,440	9,576	282,092	-	25,052	-	37
937,824	19,991,999	19,112,763	2,540,296	1,102,288	2,068,924	6,913,000	105,201	38
117	641,121	208,136	77,738	7,481	-	134,350	29,364	39
937,707	19,350,878	18,904,627	2,462,558	1,094,807	2,068,924	6,778,650	75,837	40
880,006	20,553,962	15,948,796	2,077,215	1,238,905	1,871,500	6,329,812	89,423	41
69,444	128,552	3,233,275	387,187	34,818	14,978	7,225	-	42
110,217	2,198,392	1,611,989	36,106	292,395	-	22,455	-	43
839,233	18,484,122	17,570,082	2,428,296	981,328	1,886,478	6,314,582	89,423	44
311	1,495,981	230,807	103,223	6,137	-	128,646	22,337	45
838,922	16,988,141	17,339,275	2,325,073	975,191	1,886,478	6,185,936	67,086	46

TABLE 3. Electric Energy Made Available

January - May 1964

Month	Total net generation	Imports from United States	Exports to United States	Total made available in Canada	Amount used in electric boilers	Total made available less amount used in electric boilers	Daily average, total net generation
thousand kwh.							
January .....	11,678,655	181,965	406,713	11,453,907	206,302	11,247,605	376,699
February .....	10,856,139	206,294	342,852	10,719,581	212,024	10,507,557	374,350
March .....	11,358,497	207,822	333,486	11,232,833	223,013	11,009,820	366,403
April .....	10,842,688	182,453	343,625	10,681,516	187,646	10,493,870	361,423
May .....	10,731,775	244,896	336,816	10,639,855	278,867	10,360,988	346,186
June .....							
July .....							
August .....							
September .....							
October .....							
November .....							
December .....							
Year .....							

TABLE 4. Net Generation, 1951-64

CANADA

Year and month	Utilities			Industry			Grand total
	Hydro	Thermal	Total	Hydro	Thermal	Total	
thousand kwh.							
1951 .....	45,819,227	1,732,652	47,551,879	..	..	13,369,527	60,921,406
1952 .....	49,156,895	2,222,115	51,379,010	..	..	14,086,950	65,465,960
1953 .....	49,160,361	3,797,345	52,957,706	..	..	16,400,824	69,358,530
1954 .....	51,713,904	3,178,434	54,892,338	..	..	17,547,555	72,439,893
1955 .....	57,996,293	3,197,153	61,193,446	..	..	18,381,161	79,574,607
1956 .....	64,013,966	4,292,898	68,306,864	..	..	19,119,968	87,426,832
1957 .....	65,817,043	5,572,995	71,390,038	17,155,908	1,714,697	18,870,605	90,260,643
1958 .....	70,840,574	4,690,850	75,531,424	19,409,459	1,816,609	21,226,068	96,757,492
1959 .....	77,251,848	5,286,363	82,538,211	19,265,330	2,052,553	21,317,883	103,856,094
1960 .....	83,024,886	5,957,979	88,982,865	22,743,499	2,313,010	25,056,509	114,039,375
1961 .....	82,014,614	7,049,079	89,063,693	21,660,132	2,497,588	24,157,720	113,221,413
1962 .....	80,861,406	10,781,660	91,643,066	22,789,817	2,570,288	25,360,105	117,003,171
1963(1) .....	80,214,421	15,428,726	95,643,147	23,096,751 <sup>r</sup>	2,811,559 <sup>r</sup>	25,908,310 <sup>r</sup>	121,551,457 <sup>r</sup>
1963 January .....	6,634,051	1,787,849	8,421,900	2,057,952	218,220	2,276,172	10,698,072
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March .....	6,639,450	1,448,533	8,087,983	1,992,361	240,902	2,233,263	10,321,246
April .....	6,751,453	961,044	7,712,497	1,934,008	230,106	2,164,114	9,876,611
May .....	7,203,807	805,776	8,009,583	1,934,545	232,884	2,167,429	10,177,012
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July .....	6,351,451	1,011,597	7,363,048	1,860,482	223,040	2,083,522	9,446,570
August .....	6,535,570	1,014,750	7,550,320	1,947,864	251,173	2,199,037	9,749,357
September .....	6,295,740	1,242,288	7,538,028	1,952,083	233,099	2,185,182	9,723,210
October .....	6,626,661	1,509,839	8,136,500	1,966,166	254,537	2,220,703	10,357,203
November .....	6,976,757	1,633,736	8,610,493	1,820,669	255,460	2,076,129	10,686,622
December .....	7,598,456	1,582,339	9,180,795	1,987,193 <sup>r</sup>	241,665	2,228,858 <sup>r</sup>	11,409,653 <sup>r</sup>
1964 January .....	7,431,032	1,738,744	9,169,776	2,228,249	280,630	2,508,879	11,678,655
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March .....	7,469,746	1,360,389	8,830,135	2,229,351	299,011	2,528,362	11,358,497
April .....	7,146,081	1,227,734	8,373,815	2,181,519	287,354	2,468,873	10,842,688
May .....	7,326,441	858,015	8,184,456	2,255,018	292,301	2,547,319	10,731,775
June .....							
July .....							
August .....							
September .....							
October .....							
November .....							
December .....							

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<sup>r</sup> Revised figures.

.. Figures not available.



CATALOGUE No.

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MONTHLY

# DOMINION BUREAU OF STATISTICS

OTTAWA - CANADA

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## ELECTRIC POWER STATISTICS

JUNE 1964

This report is the first of a revised series which contains several conceptual additions. Table 1 contains preliminary statistics on energy generation, imports, exports and secondary for the current month. These preliminary statistics indicate that total net generation increased 11.1 per cent to 10,451,624 thousand kwh. in June 1964 from 9,455,092 thousand kwh. generated one year ago.

Imports increased to 268,675 thousand kwh. from 239,210 thousand kwh. and exports decreased to 265,943 thousand kwh. from 315,055 thousand kwh. in June 1963.

Firm energy used in Canada rose to 10,175,598 thousand kwh. from 9,074,587 thousand kwh. in June 1963. These two figures are not directly comparable as the 278,758 thousand kwh. of secondary energy used in Canada in June 1964 is composed of 202,633 thousand kwh. used in electric boilers and 76,125 thousand kwh. of secondary energy used for other purposes whereas the 304,660 thousand kwh. used in 1963 was electric boiler load only.

Table 2 shows for the first time final data for the supply and demand of electric energy monthly. These figures include a breakdown of sales by rate categories for large utilities and industries while distribution by smaller utilities and industries is included in "distribution by non-respondents" (item 28). Distribution by non-respondents is the energy which is delivered by companies which report in this survey to companies which do not report. Consumption of own generation by industrial establishments is included in power. Comparable January 1963 data is shown for all categories where it is available. It is expected that the present delay of six months between the publication of the preliminary and final data will be gradually reduced as reporting procedures and compilation methods become more refined.

Tables 3, 4 and 5 give final data for January 1964 and preliminary data for other months. In Table 3, the secondary energy includes both that used in electric boilers and that used for other purposes for the months of January and June. In January, of the 250,727 thousand kwh. of secondary energy, 183,198 thousand kwh. were used in electric boilers and 67,529 thousand kwh. were used for other purposes. The months of February to May include secondary energy used in electric boilers only and will be revised in future reports.

The total net generation for the twelve-month period ending June 30, 1964 amounted to 127,288,019 thousand kwh. compared to 126,295,183 for the period ending in May.

Monthly electric power statistics are designed to provide current information on the production and consumption of electric energy in Canada. In order to expedite the collection and compilation of returns, the series is confined to firms which generate a minimum of 10 million kwh. per annum and to large distributors of electric energy. These firms accounted for 99.6 per cent of total production in 1962.

In the electric power series, net generation is defined as total generation less the amount used in station service.

Industry Division

August 1964  
11-513

TABLE 1. Preliminary Electric Energy Statistics  
June 1964

No.		Canada 1963	Canada	Newfoundland	Prince Edward Island	Nova Scotia
				thousand kwh.		
1	Net generation - Hydro .....	7,423,454	9,260,248	177,699	-	48,307
2	Thermal .....	2,031,638	1,191,376	5,804	8,782	123,702
3	Total net generation .....	9,455,092	10,451,624	183,503	8,782	172,009
	Energy imported:					
4	From other provinces .....	...	...	-	-	4,881
5	From United States .....	239,210	268,675	-	-	-
6	Totals .....	239,210	268,675	-	-	4,881
	Energy exported:					
7	To other provinces - Firm .....	...	...	4,019	-	-
8	Secondary .....	...	...	2,469	-	380
9	To United States - Firm .....	71,994	69,728	-	-	-
10	Secondary .....	243,061	196,215	-	-	-
11	Totals .....	315,055	265,943	6,488	-	380
12	Net energy used in Canada .....	9,379,247	10,454,356	177,015	8,782	176,510
13	Secondary energy used in Canada .....	304,660 <sup>F</sup> (1)	278,758	164	-	-
14	Firm energy used in Canada .....	9,074,587 <sup>F</sup>	10,175,598	176,851	8,782	176,510

(1) Includes only the secondary energy which was used in electric boilers.

<sup>F</sup> Revised figures.

TABLE 2. Supply and Demand of Electric Energy  
January 1964

January 1964						
No.		Canada 1963 <sup>F</sup>	Canada	Newfoundland	Prince Edward Island	Nova Scotia
				thousand kwh.		
	<u>Supply of electric energy</u>					
	Net generation:					
1	Utilities - Hydro .....	6,634,051	7,431,032	162,639	-	67,283
2	Thermal .....	1,787,849	1,738,748	9,250	11,125	126,507
3	Totals .....	8,421,900	9,169,780	171,889	11,125	193,790
4	Industry - Hydro .....	2,057,952	2,224,468	34,184	-	3,953
5	Thermal .....	218,220	280,633	4,050	-	16,862
6	Totals .....	2,276,172	2,505,101	38,234	-	20,815
7	Grand total - Hydro .....	8,692,003	9,655,500	196,823	-	71,236
8	Thermal .....	2,006,069	2,019,381	13,300	11,125	143,369
9	Total net generation .....	10,698,072	11,674,881	210,123	11,125	214,605
	Energy imported:					
10	From other provinces .....	...	...	-	-	347
11	From United States .....	264,530	181,965	-	-	-
12	Totals .....	264,530	181,965	-	-	347
13	Total supply of electric energy .....	10,962,602	11,856,846	210,123	11,125	214,952
	<u>Demand for electric energy</u>					
	Sales:					
14	Domestic .....	..	2,424,569	23,326	4,828	63,005
15	Farm(1) .....	..	83,464	-	-	-
16	General service (commercial) .....	..	950,408	7,499	5,040	43,896
17	Power - Firm .....	..	6,255,348	156,507	11	83,817
18	Secondary .....	..	250,727	7,622	-	-
19	Total power .....	..	6,506,075	164,129	11	83,817
20	Street lighting .....	..	78,985	657	141	2,490
21	Total sales .....	..	10,043,501	195,611	10,020	193,207
	Energy exported:					
22	To other provinces - Firm .....	...	...	8,150	-	761
23	Secondary .....	...	...	-	-	10,320
24	To United States - Firm .....	69,645	73,708	-	-	-
25	Secondary .....	266,251	333,005	-	-	-
26	Total energy exported .....	335,896	406,713	8,150	-	11,081
27	Unallocated energy(2) .....	..	961,196	6,362	915	- 3,06
28	Distribution by non-respondents .....	..	443,436	-	190	13,72
29	Total demand for electric energy .....	..	11,856,846	210,123	11,125	214,952

(1) Many utilities cannot distinguish between domestic and farm, as they do not keep separate records.

(2) Includes losses, unaccounted for, and cyclical billing adjustment.

.. Not available.

TABLE 1. Preliminary Electric Energy Statistics  
June 1964

New Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Yukon and N.W.T.	No.
thousand kwh.								
134,760	4,421,837	2,658,345	375,942	127,805	86,321	1,214,085	15,147	1
78,384	30,469	445,499	6,178	117,873	285,204	87,277	2,204	2
213,144	4,452,306	3,103,844	382,120	245,678	371,525	1,301,362	17,351	3
2,194	8,660	488,163	61,817	936	4,017	-	-	4
535	54	265,004	-	-	-	3,082	-	5
2,729	8,714	753,167	61,817	936	4,017	3,082	-	6
-	355,880	-	1,255	47,242	-	4,017	-	7
4,881	133,778	16,747	-	-	-	-	-	8
14,723	1,194	53,641	-	-	-	170	-	9
4,821	1,490	186,961	-	-	-	2,943	-	10
24,425	492,342	257,349	1,255	47,242	-	7,130	-	11
191,448	3,968,678	3,599,662	442,682	199,372	375,542	1,297,314	17,351	12
30	188,710	56,314	10,616	1,792	-	17,783	3,349	13
191,418	3,779,968	3,543,348	432,066	197,580	375,542	1,279,531	14,002	14

TABLE 2. Supply and Demand of Electric Energy  
January 1964

New Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Yukon and N.W.T.	No.
thousand kwh.								
66,047	3,381,369	2,449,752	446,741	95,119	72,813	672,604	16,665	1
79,290	92	898,067	23,016	197,490	351,020	39,874	3,017	2
145,337	3,381,461	3,347,819	469,757	292,609	423,833	712,478	19,682	3
4,074	1,408,431	122,654	5,715	6,755	-	635,226	3,476	4
48,890	26,738	79,892	2,146	-	30,373	71,682	-	5
52,964	1,435,169	202,546	7,861	6,755	30,373	706,908	3,476	6
70,121	4,789,800	2,572,406	452,456	101,874	72,813	1,307,830	20,141	7
128,180	26,830	977,959	25,162	197,490	381,393	111,556	3,017	8
198,301	4,816,630	3,550,365	477,618	299,364	454,206	1,419,386	23,158	9
13,082	9,638	684,889	81,986	1,215	1,666	4,113	-	10
1,066	76	179,260	-	-	-	1,563	-	11
14,148	9,714	864,149	81,986	1,215	1,666	5,676	-	12
212,449	4,826,344	4,414,514	559,604	300,579	455,872	1,425,062	23,158	13
47,888	673,192	1,020,626	161,738	69,213	105,286	254,081	1,386	14
-	-	-	30,855	24,818	27,791	-	-	15
22,375	217,297	335,557	67,182	37,101	70,312	142,605	1,544	16
108,928	2,745,149	1,811,174	229,789	70,721	187,914	850,953	10,390	17
-	131,968	45,338	17,718	1,519	-	40,171	6,391	18
108,928	2,877,117	1,856,512	247,507	72,240	187,914	891,124	16,781	19
1,727	18,790	27,286	7,090	3,013	8,904	8,846	37	20
180,918	3,786,396	3,239,981	514,372	206,385	400,207	1,296,656	19,748	21
-	384,262	1,488	1,331	54,795	4,113	1,666	-	22
347	302,513	27,191	-	-	-	-	-	23
13,692	1,499	58,363	-	-	-	154	-	24
6,786	5,151	319,453	-	-	-	1,615	-	25
20,825	693,425	406,495	1,331	54,795	4,113	3,435	-	26
8,370	304,019	411,270	43,901	36,584	43,781	105,717	3,340	27
2,336	42,504	356,768	-	2,815	7,771	19,254	70	28
212,449	4,826,344	4,414,514	559,604	300,579	455,872	1,425,062	23,158	29

Figures not appropriate or not applicable.



TABLE 3. Supply of Electric Energy  
January - June 1964

Month	Total net generation	Imports from United States	Exports to United States	Net energy used in Canada	Secondary energy used in Canada	Firm energy used in Canada	Daily average, total net generation
thousand kwh.							
January .....	11,674,881 <sup>r</sup>	181,965	406,713	11,450,133 <sup>r</sup>	250,727 <sup>r</sup>	11,199,406 <sup>r</sup>	376,609 <sup>r</sup>
February .....	10,856,139	206,294	342,852	10,719,581	212,024(1)	10,507,557	374,350
March .....	11,358,497	207,822	333,486	11,232,833	223,013(1)	11,009,820	366,403
April .....	10,842,875 <sup>r</sup>	182,453	343,625	10,681,703 <sup>r</sup>	187,646(1)	10,494,057 <sup>r</sup>	361,423
May .....	10,731,666 <sup>r</sup>	244,896	336,816	10,639,746 <sup>r</sup>	278,867(1)	10,360,879 <sup>r</sup>	346,186
June .....	10,451,624	268,675	265,943	10,454,356	278,758	10,175,598	339,187
July .....							
August .....							
September .....							
October .....							
November .....							
December .....							
Year .....							

(1) February - May figures include only the secondary energy which was used in electric boilers (see text).  
<sup>r</sup> Revised figures.

TABLE 4. Sales of Electric Energy to Ultimate Customers  
January 1964

Month	Domestic	Farm(1)	General service (commercial)	Firm power	Secondary power	Total power	Street lighting	Total sales to ultimate customers
thousand kwh.								
January .....	24,243,69 2,226,279	83,464	950,408	6,255,348	250,727	6,506,075	78,985	10,043,501
February .....								
March .....								
April .....								
May .....								
June .....								
July .....								
August .....								
September .....								
October .....								
November .....								
December .....								
Year .....								

(1) Many utilities cannot distinguish between domestic and farm, as they do not keep separate records.

TABLE 5. Net Generation, 1960-64

CANADA

Year and month	Utilities			Industry			Grand total
	Hydro	Thermal	Total	Hydro	Thermal	Total	
	thousand kwh.						
1960 .....	83,024,886	5,957,979	88,982,865	22,743,499	2,313,010	25,056,509	114,039,37
1961 .....	82,014,614	7,049,079	89,063,693	21,660,132	2,497,588	24,157,720	113,221,41
1962 .....	80,861,406	10,781,660	91,643,066	22,789,817	2,570,288	25,360,105	117,003,17
1963 .....	80,214,421	15,428,726	95,643,147	23,102,958	2,811,630	25,914,588	121,557,73
1964 .....							
1964 - January ....	7,431,032 <sup>r</sup>	1,738,748 <sup>r</sup>	9,169,780 <sup>r</sup>	2,224,468 <sup>r</sup>	280,633 <sup>r</sup>	2,505,101 <sup>r</sup>	11,674,88
February ...	6,974,364	1,511,184	8,485,548	2,086,693	283,898	2,370,591	10,856,13
March .....	7,469,746	1,360,389	8,830,135	2,229,351	299,011	2,528,362	11,358,44
April .....	7,146,081	1,227,734	8,373,815	2,181,519	287,541 <sup>r</sup>	2,469,060 <sup>r</sup>	10,842,57
May .....	7,326,441	858,015	8,184,456	2,255,018	292,192 <sup>r</sup>	2,547,210 <sup>r</sup>	10,731,67
June .....	6,871,958	928,685	7,800,643	2,388,290	262,691	2,650,981	10,451,67
July .....							
August .....							
September ..							
October ....							
November ...							
December ...							

<sup>r</sup> Revised figures.

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## ELECTRIC POWER STATISTICS

JULY 1964

This report is the second of a revised series which contains several conceptual additions. Table 1 contains preliminary statistics on energy generation, imports, exports and secondary for the current month. These preliminary statistics indicate that total net generation increased 12.6 per cent to 10,633,406 thousand kwh. in July 1964 from 9,446,570 thousand kwh. generated one year ago.

Imports increased to 279,464 thousand kwh. from 242,981 thousand kwh. and exports increased to 337,604 thousand kwh. from 259,330 thousand kwh. in July 1963.

Firm energy used in Canada rose to 10,192,658 thousand kwh. from 9,134,303 thousand kwh. in July 1963. These two figures are not directly comparable as the 382,608 thousand kwh. of secondary energy used in Canada in July 1964 is composed of 250,869 thousand kwh. used in electric boilers and 31,739 thousand kwh. of secondary energy used for other purposes whereas the 295,918 thousand kwh. used in 1963 was boiler load only.

Table 2 shows detailed data concerning the amount of energy made available and the disposition of this energy. These figures include a breakdown of sales by rate categories for large utilities and industries while distribution by smaller utilities and industries is included in "distribution by non-respondents" (item 28). Distribution by non-respondents is the energy which is delivered by companies which report in this survey to companies which do not report. Consumption of own generation by industrial establishments is included in power sales. Comparable January 1963 data is shown for all categories where it is available. It is expected that the present delay of six months between the publication of the preliminary and final data will be gradually reduced as reporting procedures and compilation methods become more refined.

Tables 3, 4 and 5 give final data for January and February 1964 and preliminary data for other months. In table 3, the secondary energy includes both that used in electric boilers and that used for other purposes. In February, of the 235,561 thousand kwh. of secondary energy 170,132 thousand kwh. were used in electric boilers and 65,429 thousand kwh. were used for other purposes.

The total net generation for the twelve-month period ending July 31, 1964 amounted to 128,520,303 thousand kwh. compared to 127,288,367 for the period ending in June.

Monthly electric power statistics are designed to provide current information on the production and consumption of electric energy in Canada. In order to expedite the collection and compilation of returns, the series is confined to firms which generate a minimum of 10 million kwh. per annum and to large distributors of electric energy. These firms accounted for 99.6 per cent of total production in 1962.

In the electric power series, net generation is defined as total generation less the amount used in station service.

Industry Division

September 1964  
1-513

TABLE 1. Preliminary Electric Energy Statistics  
July 1964

No.		Canada 1963	Canada	Newfoundland	Prince Edward Island	Nova Scotia
				thousand kwh.		
1	Net generation - Hydro .....	8,211,933	9,269,767	176,280	-	43,885
2	Thermal .....	1,234,637	1,363,639	15,058	9,602	127,311
3	Total net generation .....	9,446,570	10,633,406	191,338	9,602	171,196
4	Energy imported:					
5	From other provinces .....	242,981	279,464	-	-	7,793
6	From United States .....	242,981	279,464	-	-	7,793
7	Totals .....					
8	Energy exported:			6,150	-	676
9	To other provinces - Firm .....	...	...	1,189	-	1,558
10	Secondary .....	70,388	64,634	-	-	-
11	To United States - Firm .....	188,942	272,970	-	-	-
12	Secondary .....	259,330	337,604	7,339	-	2,234
13	Totals .....					
14	Net energy used in Canada .....	9,430,221	10,575,266	183,999	9,602	176,755
15	Secondary energy used in Canada(1) .....	295,918	382,608	70	-	-
16	Firm energy used in Canada .....	9,134,303	10,192,658	183,929	9,602	176,755

(1) Secondary energy for use in other than electric boilers amounted to 112,749 thousand kwh. in Quebec and 18,990 thousand kwh. in Ontario.

TABLE 2. Supply and Demand of Electric Energy  
February 1964

No.		Canada 1963	Canada	Newfoundland	Prince Edward Island	Nova Scotia
				thousand kwh.		
	<u>Supply of electric energy</u>					
1	Net generation:					
2	Utilities - Hydro .....	6,021,397	6,974,373	150,142	-	65,347
3	Thermal .....	1,587,000	1,511,183	4,459	10,014	116,738
4	Totals .....	7,608,397	8,485,556	154,601	10,014	182,085
5	Industry - Hydro .....	1,837,229	2,086,693	33,348	-	3,430
6	Thermal .....	205,461	284,238	3,680	-	17,671
7	Totals .....	2,042,690	2,370,931	37,028	-	21,101
8	Grand total - Hydro .....	7,858,626	9,061,066	183,490	-	68,77
9	Thermal .....	1,792,461	1,795,421	8,139	10,014	134,41
10	Total net generation .....	9,651,087	10,856,487	191,629	10,014	203,19
11	Energy imported:					
12	From other provinces .....	...	...	-	-	-
13	From United States .....	244,302	206,294	-	-	-
14	Totals .....	244,302	206,294	-	-	-
15	Total supply of electric energy .....	9,895,389	11,062,781	191,629	10,014	203,19
	<u>Demand for electric energy</u>					
16	Sales:					
17	Domestic .....	..	2,312,091	21,600	3,566	53,11
18	Farm(1) .....	..	92,606	-	-	-
19	General service (commercial) .....	..	934,538	6,876	4,477	36,50
20	Power - Firm .....	..	6,035,298	149,465	10	74,4
21	Secondary .....	..	235,561	1,159	-	1
22	Total power .....	..	6,270,859	150,624	10	74,6
23	Street lighting .....	..	71,711	569	135	1,5
24	Total sales .....	..	9,681,805	179,669	8,188	165,9
25	Energy exported:					
26	To other provinces - Firm .....	...	...	7,265	-	13,4
27	Secondary .....	...	...	-	-	-
28	To United States - Firm .....	66,988	70,122	-	-	-
29	Secondary .....	253,377	272,730	-	-	-
30	Total energy exported .....	320,365	342,852	7,265	-	13,4
31	Unallocated energy(2) .....	..	679,568	4,695	1,666	10,0
32	Distribution by non-respondents .....	..	358,556	-	160	13,0
33	Total demand for electric energy .....	..	11,062,781	191,629	10,014	203,19

(1) Many utilities cannot distinguish between domestic and farm, as they do not keep separate records.  
(2) Includes losses, unaccounted for, and cyclical billing adjustment.



TABLE 1. Preliminary Electric Energy Statistics

July 1964

New Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Yukon and N.W.T.	No.
thousand kwh.								
102,205	4,648,311	2,449,979	370,076	129,932	98,809	1,234,435	15,855	1
115,613	30,953	572,317	5,178	118,894	274,938	91,683	2,092	2
217,818	4,679,264	3,022,296	375,254	248,826	373,747	1,326,118	17,947	3
4,051	8,448	557,448	58,865	1,078	4,412	284	-	4
260	50	276,222	-	-	-	2,932	-	5
4,311	8,498	833,670	58,865	1,078	4,412	3,216	-	6
-	338,759	-	1,419	48,510	284	4,412	-	7
7,793	220,165	11,464	-	-	-	-	-	8
13,643	995	49,743	-	-	-	253	-	9
3,763	4,708	261,620	-	-	-	2,879	-	10
25,199	564,627	322,827	1,419	48,510	284	7,544	-	11
196,930	4,123,135	3,533,139	432,700	201,394	377,875	1,321,790	17,947	12
-	309,228	48,744	4,383	1,888	-	15,195	3,100	13
196,930	3,813,907	3,484,395	428,317	199,506	377,875	1,306,595	14,847	14

Revised figures.

Figures not appropriate or not applicable.

TABLE 2. Supply and Demand of Electric Energy

February 1964

New Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Yukon and N.W.T.	No.
thousand kwh.								
43,596	3,191,993	2,314,441	419,115	90,382	59,533	624,698	15,126	1
88,735	627	751,246	13,474	173,612	315,997	33,529	2,752	2
132,331	3,192,620	3,065,687	432,589	263,994	375,530	658,227	17,878	3
2,839	1,310,001	123,857	5,294	6,378	-	598,356	3,190	4
49,371	29,534	77,396	2,134	22	28,884	75,541	-	5
52,210	1,339,535	201,253	7,428	6,400	28,884	673,897	3,190	6
46,435	4,501,994	2,438,298	424,409	96,760	59,533	1,223,054	18,316	7
138,106	30,161	828,642	15,608	173,634	344,881	109,070	2,752	8
184,541	4,532,155	3,266,940	440,017	270,394	404,414	1,332,124	21,068	9
15,205	8,566	634,136	76,016	1,150	1,456	5,323	-	10
1,045	64	202,827	-	-	-	2,358	-	11
16,250	8,630	836,963	76,016	1,150	1,456	7,681	-	12
200,791	4,540,785	4,103,903	516,033	271,544	405,870	1,339,805	21,068	13
41,059	692,385	977,711	143,229	61,505	94,903	221,290	1,676	14
-	-	-	31,868	31,180	29,558	-	-	15
20,834	219,938	335,874	63,947	36,535	61,937	146,473	1,104	16
111,118	2,591,718	1,781,711	219,047	70,810	180,275	846,812	9,871	17
-	133,976	47,020	17,773	1,476	1,089	26,916	5,980	18
111,118	2,725,694	1,828,731	236,820	72,286	181,364	873,728	15,851	19
1,681	18,652	25,908	5,481	2,654	7,047	7,960	32	20
174,692	3,656,669	3,168,224	481,345	204,160	374,809	1,249,451	18,663	21
-	354,683	1,296	1,315	50,665	5,323	1,456	-	22
-	281,023	25,356	-	-	-	-	-	23
12,392	1,411	56,194	-	-	-	125	-	24
5,512	6,281	258,609	-	-	-	2,328	-	25
17,904	643,398	341,455	1,315	50,665	5,323	3,909	-	26
5,999	200,948	317,399	33,373	14,216	18,957	69,194	2,339	27
2,196	39,770	276,825	-	2,503	6,781	17,251	66	28
200,791	4,540,785	4,103,903	516,033	271,544	405,870	1,339,805	21,068	29

Figures not available.

Figures not appropriate or not applicable.

TABLE 3. Supply of Electric Energy

January - July 1964

Month	Total net generation	Imports from United States	Exports to United States	Net energy used in Canada	Secondary energy used in Canada	Firm energy used in Canada	Daily average, total net generation
thousand kwh.							
January .....	11,674,881	181,965	406,713	11,450,133	250,727	11,199,406	376,60
February .....	10,856,487 <sup>r</sup>	206,294	342,852	10,719,929 <sup>r</sup>	235,561 <sup>r</sup>	10,484,368 <sup>r</sup>	374,36
March .....	11,358,497	207,822	333,486	11,232,833	223,013	11,009,820	366,40
April .....	10,842,875	182,453	343,625	10,681,703	187,646	10,494,057	361,42
May .....	10,731,666	244,896	336,816	10,639,746	278,867	10,360,879 <sup>r</sup>	346,18
June .....	10,451,624	268,675	265,943	10,454,356	296,945 <sup>r</sup>	10,157,411	339,18
July .....	10,633,406	279,464	337,604	10,575,266	382,608	10,192,658	343,01
August .....							
September .....							
October .....							
November .....							
December .....							
Year .....							

<sup>r</sup> Revised figures.

TABLE 4. Sales of Electric Energy to Ultimate Customers

January - February 1964

Month	Domestic	Farm(1)	General service (commercial)	Firm power	Secondary power	Total power	Street lighting	Total sal to ultima customer
thousand kwh.								
January .....	2,424,569 <sup>r</sup>	83,464	950,408	6,255,348	250,727	6,506,075	78,985	10,043,5
February .....	2,312,091	92,606	934,538	6,035,298	235,561	6,270,859	71,711	9,681,8
March .....								
April .....								
May .....								
June .....								
July .....								
August .....								
September .....								
October .....								
November .....								
December .....								
Year .....								

(1) Many utilities cannot distinguish between domestic and farm, as they do not keep separate records.

<sup>r</sup> Revised figures.

TABLE 5. Net Generation, 1960-64

CANADA

Year and month	Utilities			Industry			Grand total
	Hydro	Thermal	Total	Hydro	Thermal	Total	
	thousand kwh.						
1960 .....	83,024,886	5,957,979	88,982,865	22,743,499	2,313,010	25,056,509	114,039,
1961 .....	82,014,614	7,049,079	89,063,693	21,660,132	2,497,588	24,157,720	113,221,
1962 .....	80,861,406	10,781,660	91,643,066	22,789,817	2,570,288	25,360,105	117,003,
1963 .....	80,214,421	15,428,726	95,643,147	23,102,958	2,811,630	25,914,588	121,557,
1964 .....							
1964 - January ....	7,431,032	1,738,748	9,169,780	2,224,468	280,633	2,505,101	11,674,
February ...	6,974,373 <sup>r</sup>	1,511,183 <sup>r</sup>	8,485,556 <sup>r</sup>	2,086,693	284,238 <sup>r</sup>	2,370,931 <sup>r</sup>	10,856,
March .....	7,469,746	1,360,389	8,830,135	2,229,351	299,011	2,528,362	11,358,
April .....	7,146,081	1,227,734	8,373,815	2,181,519	287,541	2,469,060	10,842,
May .....	7,326,441	858,015	8,184,456	2,255,018	292,192	2,547,210	10,731,
June .....	6,871,958	928,685	7,800,643	2,387,462 <sup>r</sup>	263,519 <sup>r</sup>	2,650,981	10,451,
July .....	6,842,234	1,090,081	7,932,315	2,427,533	273,558	2,701,091	10,633,
August .....							
September ..							
October ....							
November ...							
December ...							

<sup>r</sup> Revised figures.

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ELECTRIC POWER STATISTICS

AUGUST 1964

This report is the third of a revised series which contains several conceptual additions. Tables 1A and 1B contain preliminary statistics on energy generation, imports, exports and secondary or the months of August and June respectively. These preliminary statistics indicate that total net generation increased 9.8 per cent to 10,710,003 thousand kwh. in August 1964 from 9,749,357 thousand wh. generated one year ago.

Imports decreased to 303,559 thousand kwh. from 306,477 thousand kwh. and exports increased to 68,296 thousand kwh. from 271,069 thousand kwh. in August 1963.

Firm energy used in Canada rose to 10,316,640 thousand kwh. from 9,460,389 thousand kwh. in August 1963. These figures are not directly comparable as the 328,626 thousand kwh. of secondary energy used in Canada in August 1964 is composed of 287,479 thousand kwh. used in electric boilers and 1,147 thousand kwh. of secondary energy used for other purposes whereas the 323,976 thousand kwh. used in 1963 was boiler load only.

Tables 2A and 2B show detailed data concerning the amount of energy made available and the disposition of this energy for the months of March and April respectively. These figures include a breakdown of sales by rate categories for large utilities and industries while distribution by smaller utilities and industries is included in "distribution by non-respondents" (item 28). Distribution by non-respondents is the energy which is delivered by companies which report in this survey to companies which do not report. Consumption of own generation by industrial establishments is included in power sales. Comparable March and April 1963 data is shown for all categories where it is available. The delay between the publication of preliminary and final detailed data will be further reduced in future monthly reports.

Tables 3, 4 and 5 give final data for the months of January to April 1964 and preliminary data for other months. In table 3, the secondary energy includes both that used in electric boilers and that used for other purposes. In March, of the 231,591 thousand kwh. of secondary energy 195,140 thousand kwh. were used in electric boilers and 36,451 thousand kwh. were used for other purposes, while in April, of the 216,875 thousand kwh. of secondary energy 162,529 thousand kwh. were used in electric boilers and 54,346 thousand kwh. were used for other purposes.

The total net generation for the twelve-month period ending August 31, 1964 amounted to 129,584,9 thousand kwh. compared to 128,475,203 thousand kwh. for the period ending in July.

Monthly electric power statistics are designed to provide current information on the production and consumption of electric energy in Canada. In order to expedite the collection and compilation of returns, the series is confined to firms which generate a minimum of 10 million kwh. per annum and to large distributors of electric energy. These firms accounted for 99.6 per cent of total production in 1962.

In the electric power series, net generation is defined as total generation less the amount used in station service.

Industry Division

October 1964  
1-513



(2) Includes losses, unaccounted for, and cyclical billing adjustment.

TABLE 1A. Preliminary Electric Energy Statistics

August 1964

New Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Yukon and N.W.T.	No.
thousand kwh.								
78,419	4,716,862	2,184,178	343,711	130,083	63,703	1,285,016	15,348	1
136,340	34,885	793,202	5,508	122,089	314,025	100,053	5,219	2
214,759	4,751,747	2,977,380	349,219	252,172	377,728	1,385,069	20,567	3
6,296	7,458	596,687	50,476	1,086	4,983	149	-	4
469	47	299,729	-	-	-	3,314	-	5
6,765	7,505	896,416	50,476	1,086	4,983	3,463	-	6
-	355,961	612	1,545	44,364	149	4,983	-	7
2,430	242,124	6,584	-	-	-	-	-	8
10,254	1,164	48,804	-	-	-	262	-	9
7,354	4,814	292,345	-	-	-	3,299	-	10
20,038	604,063	348,345	1,545	44,364	149	8,544	-	11
201,486	4,155,189	3,525,451	398,150	208,894	382,562	1,379,988	20,567	12
-	266,337	42,547	3,210	1,989	-	13,051	1,444	13
201,486	3,888,852	3,482,904	394,940	206,905	382,562	1,366,937	19,123	14

Revised figures.

TABLE 2A. Supply and Demand of Electric Energy

March 1964

New Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Yukon and N.W.T.	No.
thousand kwh.								
51,480	3,341,828	2,580,788	426,136	93,001	87,456	651,294	15,962	1
91,330	225	578,404	12,592	189,310	312,651	38,834	3,053	2
142,810	3,342,053	3,159,192	438,728	282,311	400,107	690,128	19,015	3
2,322	1,391,479	127,127	5,487	6,871	-	653,163	3,454	4
50,906	30,840	80,330	2,164	-	32,269	79,449	-	5
53,228	1,422,319	207,457	7,651	6,871	32,269	732,612	3,454	6
53,802	4,733,307	2,707,915	431,623	99,872	87,456	1,304,457	19,416	7
142,236	31,065	658,734	14,756	189,310	344,920	118,283	3,053	8
196,038	4,764,372	3,366,649	446,379	289,182	432,376	1,422,740	22,469	9
11,923	7,895	683,133	82,132	1,073	1,678	5,674	-	10
794	67	205,106	-	-	-	1,855	-	11
12,717	7,962	888,239	82,132	1,073	1,678	7,529	-	12
208,755	4,772,334	4,254,888	528,529	290,255	434,054	1,430,269	22,469	13
38,317	638,737	936,595	138,371	55,741	82,933	233,265	2,034	14
-	-	-	32,230	29,188	29,716	-	-	15
20,236	194,746	362,138	63,305	34,141	61,606	153,085	3,028	16
112,231	2,793,380	1,924,592	228,593	68,001	182,959	919,478	8,609	17
-	121,886	58,157	12,506	1,638	-	29,866	7,071	18
112,231	2,915,266	1,982,749	241,099	69,639	182,959	949,344	15,680	19
1,437	17,651	26,629	5,240	2,401	7,677	7,399	37	20
172,221	3,766,400	3,308,111	480,245	191,110	364,891	1,343,093	20,779	21
-	376,463	1,056	1,149	52,444	5,674	1,678	-	22
181	308,879	29,695	-	-	-	-	-	23
14,762	1,445	59,703	-	-	-	153	-	24
5,788	1,406	247,538	-	-	-	2,691	-	25
20,731	688,193	337,992	1,149	52,444	5,674	4,522	-	26
13,657	277,564	274,609	47,135	44,306	56,534	64,984	503	27
2,146	40,177	334,176	-	2,395	6,955	17,670	1,187	28
208,755	4,772,334	4,254,888	528,529	290,255	434,054	1,430,269	22,469	29

Revised figures.

Figures not appropriate or not applicable.

TABLE 1B. Preliminary Electric Energy Statistics

June 1964

No.		Canada 1963	Canada	Newfoundland	Prince Edward Island	Nova Scotia
				thousand kwh.		
1	Net generation - Hydro .....	8,385,466 <sup>r</sup>	9,259,420 <sup>r</sup>	177,699	-	48,407
2	Thermal .....	1,068,987 <sup>r</sup>	1,192,204 <sup>r</sup>	5,804	8,782	123,702
3	Total net generation .....	9,454,453 <sup>r</sup>	10,451,624 <sup>r</sup>	183,503	8,782	172,009
	Energy imported:					
4	From other provinces .....	...	...	-	-	4,881
5	From United States .....	239,210	268,675	-	-	-
6	Totals .....	239,210	268,675	-	-	4,881
	Energy exported:					
7	To other provinces - Firm .....	...	...	4,019	-	-
8	Secondary .....	...	...	2,469	-	380
9	To United States - Firm .....	71,994	69,728	-	-	-
10	Secondary .....	243,061	196,215	-	-	-
11	Totals .....	315,055	265,943	6,488	-	380
12	Net energy used in Canada .....	9,378,608 <sup>r</sup>	10,454,356	177,015	8,782	176,510
13	Secondary energy used in Canada(1) .....	304,660	296,945 <sup>r</sup>	164	-	-
14	Firm energy used in Canada .....	9,073,948 <sup>r</sup>	10,157,411 <sup>r</sup>	176,851	8,782	176,510

(1) Secondary energy for use in other than electric boilers amounted to 59,494 thousand kwh. in Quebec and 17,778 thousand kwh. in Ontario.

TABLE 2B. Supply and Demand of Electric Energy

April 1964

April 1964

	Canada 1963	Canada	Newfoundland	Prince Edward Island	Nova Scotia

(1) Many utilities cannot distinguish between domestic and farm, as they do not keep separate records.  
 (2) Includes losses, unaccounted for, and cyclical billing adjustment.



TABLE 1B. Preliminary Electric Energy Statistics

June 1964

New Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Yukon and N.W.T.	No.
thousand kwh.								
134,760	4,421,837	2,657,517 <sup>r</sup>	375,942	127,805	86,321	1,214,085	15,147	1
78,384	30,469	446,327 <sup>r</sup>	6,178	117,873	285,204	87,277	2,204	2
213,144	4,452,306	3,103,844 <sup>r</sup>	382,120	245,678	371,525	1,301,362	17,351	3
2,194	8,660	488,163	61,817	936	4,017	-	-	4
535	54	265,004	-	-	-	3,082	-	5
2,729	8,714	753,167	61,817	936	4,017	3,082	-	6
-	355,880	-	1,255	47,242	-	4,017	-	7
4,881	133,778	16,747	-	-	-	-	-	8
14,723	1,194	53,641	-	-	-	170	-	9
4,821	1,490	186,961	-	-	-	2,943	-	10
24,425	492,342	257,349	1,255	47,242	-	7,130	-	11
191,448	3,968,678	3,599,662	442,682	199,372	375,542	1,297,314	17,351	12
30	206,897 <sup>r</sup>	56,314	10,616	1,792	-	17,783	3,349	13
191,418	3,761,781 <sup>r</sup>	3,543,348	432,066	197,580	375,542	1,279,531	14,002	14

Revised figures.

TABLE 2B. Supply and Demand of Electric Energy

April 1964

New Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Yukon and N.W.T.	No.
thousand kwh.								
95,431	3,142,407	2,480,063	397,086	115,035	66,318	614,160	13,499	1
62,664	151	587,496	4,327	134,572	284,931	50,546	2,619	2
158,095	3,142,558	3,067,559	401,413	249,607	351,249	664,706	16,118	3
5,318	1,363,548	128,849	5,678	5,774	-	631,689	3,249	4
49,896	25,494	77,583	2,665	-	30,541	80,041	-	5
55,214	1,389,042	206,432	8,343	5,774	30,541	711,730	3,249	6
100,749	4,505,955	2,608,912	402,764	120,809	66,318	1,245,849	16,748	7
112,560	25,645	665,079	6,992	134,572	315,472	130,587	2,619	8
213,309	4,531,600	3,273,991	409,756	255,381	381,790	1,376,436	19,367	9
5,001	6,996	635,855	58,489	1,196	297	3,894	-	10
572	68	178,458	-	-	-	3,355	-	11
5,573	7,064	814,313	58,489	1,196	297	7,249	-	12
218,882	4,538,664	4,088,304	468,245	256,577	382,087	1,383,685	19,367	13
38,075	611,559	901,812	132,052	54,334	83,503	203,105	928	14
-	-	-	29,688	27,914	29,449	-	-	15
19,166	204,389	379,308	57,913	33,127	61,413	131,919	1,977	16
119,455	2,693,578	1,872,692	215,476	73,018	181,397	911,231	8,171	17
117	118,265	54,160	11,707	845	-	25,637	5,437	18
119,572	2,811,843	1,926,852	227,183	73,863	181,397	936,868	14,228	19
1,622	17,586	24,329	4,303	2,176	6,315	6,469	21	20
178,435	3,645,377	3,232,301	451,139	191,414	362,077	1,278,361	17,116	21
-	372,246	1,440	1,484	49,179	297	-	-	22
7,974	262,827	9,357	2,592	-	-	-	-	23
15,297	1,317	59,538	-	-	-	-	-	24
8,193	1,685	255,022	-	-	-	-	-	25
31,464	638,075	325,357	4,076	49,179	297	-	-	26
6,951	216,966	220,746	13,030	13,855	12,111	-	1,111	27
2,032	38,246	309,900	-	2,129	7,602	15,103	-	28
218,882	4,538,664	4,088,304	468,245	256,577	382,087	1,383,685	19,367	29

Revised figures.

Figures not appropriate or not applicable.

TABLE 3. Supply of Electric Energy

January - August 1964

Month	Total net generation	Imports from United States	Exports to United States	Net energy used in Canada	Secondary energy used in Canada	Firm energy used in Canada	Daily average, total net generation
thousand kwh.							
January .....	11,674,881	181,965	406,713	11,450,133	250,727	11,199,406	376,409
February .....	10,856,487	206,294	342,852	10,719,929	235,561	10,484,368	374,362
March .....	11,355,941 <sup>r</sup>	207,822	333,486	11,230,277 <sup>r</sup>	231,591 <sup>r</sup>	10,998,686 <sup>r</sup>	368,217
April .....	10,839,225 <sup>r</sup>	182,453	343,625	10,678,053 <sup>r</sup>	216,875 <sup>r</sup>	10,461,178 <sup>r</sup>	361,308 <sup>r</sup>
May .....	10,731,666	244,896	336,816	10,639,746	278,867	10,360,879	346,186
June .....	10,451,624	268,675	265,943	10,454,356	296,945	10,157,411	339,187
July .....	10,633,406	279,464	337,604	10,575,266	382,608	10,192,658	341,013
August .....	10,710,003	303,559	368,296	10,645,266	328,626	10,316,640	343,484
September .....							
October .....							
November .....							
December .....							
Year .....							

<sup>r</sup> Revised figures.

TABLE 4. Sales of Electric Energy to Ultimate Customers

January - April 1964

Month	Domestic	Farm(1)	General service (commercial)	Firm power	Secondary power	Total power	Street lighting	Total sales to ultimate customers
thousand kwh.								
January .....	2,424,569	83,464	950,408	6,255,348	250,727	6,506,075	78,985	10,043,501
February .....	2,312,091	92,606	934,538	6,035,298	235,561	6,270,859	71,711	9,681,805
March .....	2,203,444	91,134	938,812	6,473,577	231,591	6,705,168	70,581	10,009,139
April .....	2,096,791	87,051	933,433	6,302,515	216,875	6,519,390	64,935	9,701,600
May .....								
June .....								
July .....								
August .....								
September .....								
October .....								
November .....								
December .....								
Year .....								

(1) Many utilities cannot distinguish between domestic and farm, as they do not keep separate records.

TABLE 5. Net Generation, 1960-64

CANADA

Year and month	Utilities			Industry			Grand total
	Hydro	Thermal	Total	Hydro	Thermal	Total	
	thousand kwh.						
1960 .....	83,024,886	5,957,979	88,982,865	22,743,499	2,313,010	25,056,509	114,039,375
1961 .....	82,014,614	7,049,079	89,063,693	21,660,132	2,497,588	24,157,720	113,221,413
1962 .....	80,861,406	10,781,660	91,643,066	22,789,817	2,570,288	25,360,105	117,003,171
1963 .....	80,214,421	15,428,726	95,643,147	23,102,958	2,811,630	25,914,588	121,557,735
1964 - January ....	7,431,032	1,738,748	9,169,780	2,224,468	280,633	2,505,101	11,674,881
February ....	6,974,373	1,511,183	8,485,556	2,086,693	284,238	2,370,931	10,856,487
March .....	7,469,733	1,360,388	8,830,121	2,226,810	297,710	2,525,820	11,355,941
April .....	7,145,512	1,227,732	8,373,244	2,178,499	287,542	2,466,041	10,839,225
May .....	7,326,441	858,015	8,184,456	2,255,018	292,192	2,547,210	10,731,666
June .....	6,871,958	928,685	7,800,643	2,387,462	263,519	2,650,981	10,451,624
July .....	6,842,234	1,090,081	7,932,315	2,427,533	273,558	2,701,091	10,633,406
August .....	6,569,172	1,361,238	7,930,410	2,480,664	298,929	2,779,593	10,710,000
September ..							
October ....							
November ...							
December ...							

<sup>r</sup> Revised figures.







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ELECTRIC POWER STATISTICS

SEPTEMBER 1964

This report is the fourth of a revised series which contains several additions. Tables 1A and 1B contain preliminary statistics on energy generation, imports, exports and secondary for the months of September and July respectively. These preliminary statistics indicate that total net generation increased 11.6 per cent to 10,847,155 thousand kwh. in September 1964 from 9,723,210 thousand kwh. generated one year ago.

Imports decreased to 263,780 thousand kwh. from 272,559 thousand kwh. and exports increased to 365,785 thousand kwh. from 272,688 thousand kwh. in September 1963.

Tables 2A and 2B show detailed data concerning the amount of energy made available and the disposition of this energy for the months of May and June respectively. These figures include a breakdown of sales by rate categories for large utilities and industries while distribution by smaller utilities and industries is included in "distribution by non-respondents" (item 28). Distribution by non-respondents is the energy which is delivered by companies which report in this survey to companies which do not report. Consumption of own generation by industrial establishments is included in power sales. Comparable May and June 1963 data is shown for all categories where it is available. The delay between the publication of preliminary and final detailed data will be further reduced in future monthly reports.

Tables 3, 4 and 5 give final data for the months January to June 1964 and preliminary data for other months. In table 3, the secondary energy includes both that used in electric boilers and that used for other purposes. In May, of the 254,321 thousand kwh. of secondary energy 200,413 thousand kwh. were used in electric boilers and 53,908 thousand kwh. were used for other purposes, while in June, of the 299,248 thousand kwh. of secondary energy 244,042 thousand kwh. were used in electric boilers and 55,206 thousand kwh. were used for other purposes.

The total generation for the twelve-month period ending September 30, 1964 amounted to 130,555,133 thousand kwh. compared to 129,431,188 thousand kwh. for the period ending in August.

Monthly electric power statistics are designed to provide current information on the production and consumption of electric energy in Canada. In order to expedite the collection and compilation of returns, the series is confined to firms which generate a minimum of 10 million kwh. per annum and to large distributors of electric energy. These firms accounted for 99.6 per cent of total production in 1962.

In the electric power series, net generation is defined as total generation less the amount used in station service.

Industry Division

November 1964  
511-513

TABLE 1A. Preliminary Electric Energy Statistics  
September 1964

No.		Canada 1963	Canada	Newfoundland	Prince Edward Island	Nova Scotia
				thousand kwh.		
1	Net generation - Hydro .....	8,247,823	8,917,195	182,784	-	49,874
2	Thermal .....	1,475,387	1,929,960	6,223	9,914	141,782
3	Total net generation .....	9,723,210	10,847,155	189,007	9,914	191,656
	Energy imported:					
4	From other provinces .....	...	...	-	-	2,299
5	From United States .....	272,559	263,780	-	-	-
6	Totals .....	272,559	263,780	-	-	2,299
	Energy exported:					
7	To other provinces - Firm .....	...	...	6,934	-	344
8	Secondary .....	...	...	-	-	10,154
9	To United States - Firm .....	73,890 <sup>r</sup>	61,303	-	-	-
10	Secondary .....	198,798	304,482	-	-	-
11	Totals .....	272,688 <sup>r</sup>	365,785	6,934	-	10,498
12	Net energy used in Canada .....	9,723,081 <sup>r</sup>	10,745,150	182,073	9,914	183,457
13	Secondary energy used in Canada(1) .....	296,913	315,552	28	-	-
14	Firm energy used in Canada .....	9,426,168 <sup>r</sup>	10,429,598	182,045	9,914	183,457

(1) Secondary energy for use in other than electric oilers amounted to 36,975 thousand kwh. in Quebec and 15,052 thousand kwh. in Ontario.

TABLE 2A. Supply and Demand of Electric Energy  
May 1964

No.		Canada 1963	Canada	Newfoundland	Prince Edward Island	Nova Scotia
				thousand kwh.		
	<u>Supply of electric energy</u>					
	Net generation:					
1	Utilities - Hydro .....	7,203,807	7,327,904	159,107	-	53,677
2	Thermal .....	805,776	857,423	2,658	9,039	89,087
3	Totals .....	8,009,583	8,185,327	161,765	9,039	142,764
4	Industry - Hydro .....	1,934,545	2,255,020	31,159	-	2,788
5	Thermal .....	232,884 <sup>r</sup>	291,724	2,937	-	22,080
6	Totals .....	2,167,429 <sup>r</sup>	2,546,744	34,096	-	24,868
7	Grand total - Hydro .....	9,138,352	9,582,924	190,266	-	56,465
8	Thermal .....	1,038,660 <sup>r</sup>	1,149,147	5,595	9,039	111,167
9	Total net generation .....	10,177,012 <sup>r</sup>	10,732,071	195,861	9,039	167,632
	Energy imported:					
10	From other provinces .....	...	...	-	-	11,848
11	From United States .....	206,200	244,896	-	-	-
12	Totals .....	206,200	244,896	-	-	11,848
13	Total supply of electric energy .....	10,383,212	10,976,967	195,861	9,039	179,480
	<u>Demand for electric energy</u>					
	Sales:					
14	Domestic .....	..	1,974,884	18,466	3,681	51,142
15	Farm(1) .....	..	82,304	-	-	-
16	General service (commercial) .....	..	882,680	6,662	4,407	34,114
17	Power - Firm .....	..	6,504,601	157,343	-	77,536
18	Secondary .....	..	254,321	108	-	-
19	Total power .....	..	6,758,922	157,451	-	77,536
20	Street lighting .....	..	60,833	433	118	1,439
21	Total sales .....	..	9,759,623	183,012	8,206	164,231
	Energy exported:					
22	To other provinces - Firm .....	...	...	4,654	-	615
23	Secondary .....	...	...	1,850	-	213
24	To United States - Firm .....	71,366	79,842	-	-	-
25	Secondary .....	252,735	256,974	-	-	-
26	Total energy exported .....	324,101	336,816	6,504	-	828
27	Unallocated energy(2) .....	..	512,916	6,345	695	2,964
28	Distribution by non-respondents .....	..	367,612	-	138	11,452
29	Total demand for electric energy .....	..	10,976,967	195,861	9,039	179,480

(1) Many utilities cannot distinguish between domestic and farm, as they do not keep separate records.  
(2) Includes losses, unaccounted for, and cyclical billing adjustment.

.. Figures not available.



TABLE 1A. Preliminary Electric Energy Statistics  
September 1964

New Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Yukon and N.W.T.	No.
thousand kwh.								
60,840	4,670,620	2,159,433	351,329	111,998	59,454	1,254,445	16,418	1
150,646	43,109	967,963	9,851	143,690	334,715	119,618	2,449	2
211,486	4,713,729	3,127,396	361,180	255,688	394,169	1,374,063	18,867	3
12,459	8,662	590,978	55,604	1,122	4,473	504	-	4
484	54	260,078	-	-	-	3,164	-	5
12,943	8,716	851,056	55,604	1,122	4,473	3,668	-	6
-	351,994	1,544	502	44,147	504	4,473	-	7
2,299	240,637	11,641	928	-	-	-	-	8
9,534	1,221	50,381	-	-	-	167	-	9
10,073	4,056	287,223	-	-	-	3,130	-	10
21,906	597,908	350,789	1,430	44,147	504	7,770	-	11
202,523	4,124,537	3,627,663	415,354	212,663	398,138	1,369,961	18,867	12
-	243,794	42,892	8,150	1,775	-	16,338	2,575	13
202,523	3,880,743	3,584,771	407,204	210,888	398,138	1,353,623	16,292	14

† Revised figures.

TABLE 2A. Supply and Demand of Electric Energy  
May 1964

New Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Yukon and N.W.T.	No.
thousand kwh.								
138,154	3,108,653	2,683,360	395,894	119,739	57,949	598,272	13,099	1
31,477	41	248,996	1,821	126,066	292,502	53,245	2,491	2
169,631	3,108,694	2,932,356	397,715	245,805	350,451	651,517	15,590	3
9,341	1,417,574	134,387	5,828	6,931	-	643,462	3,550	4
44,440	29,880	77,430	2,182	73	33,138	79,564	-	5
53,781	1,447,454	211,817	8,010	7,004	33,138	723,026	3,550	6
147,495	4,526,227	2,817,747	401,722	126,670	57,949	1,241,734	16,649	7
75,917	29,921	326,426	4,003	126,139	325,640	132,809	2,491	8
223,412	4,556,148	3,144,173	405,725	252,809	383,589	1,374,543	19,140	9
2,898	12,395	593,785	53,308	1,328	3,858	580	-	10
452	53	241,538	-	-	-	2,853	-	11
3,350	12,448	835,323	53,308	1,328	3,858	3,433	-	12
226,762	4,568,596	3,979,496	459,033	254,137	387,447	1,377,976	19,140	13
33,523	590,920	854,172	111,513	47,233	70,217	192,883	1,134	14
-	-	-	24,190	30,198	27,916	-	-	15
17,859	186,045	354,873	54,560	30,944	56,014	135,249	1,953	16
119,050	2,792,627	1,955,131	212,814	69,257	182,534	928,062	10,247	17
-	152,281	56,886	16,594	2,003	-	20,983	5,466	18
119,050	2,944,908	2,012,017	229,408	71,260	182,534	949,045	15,713	19
1,417	16,688	24,287	3,765	1,857	5,248	5,565	16	20
171,849	3,738,561	3,245,349	423,436	181,492	341,929	1,282,742	18,816	21
-	366,221	1,833	1,705	45,272	580	3,858	-	22
11,848	229,257	12,094	-	-	-	-	-	23
16,669	1,284	61,749	-	-	-	140	-	24
10,097	-	244,155	-	-	-	2,722	-	25
38,614	596,762	319,831	1,705	45,272	580	6,720	-	26
14,168	200,666	117,218	33,892	25,195	37,733	74,305	- 270	27
2,131	32,607	297,098	-	2,178	7,205	14,209	594	28
226,762	4,568,596	3,979,496	459,033	254,137	387,447	1,377,976	19,140	29

† Figures not appropriate or not applicable.  
Revised figures.

TABLE 1B. Preliminary Electric Energy Statistics  
July 1964

No.		Canada 1963	Canada	Newfoundland	Prince Edward Island	Nova Scotia
				thousand kwh.		
1	Net generation - Hydro .....	8,211,933	9,269,767	176,280	-	43,885
2	Thermal .....	1,234,637	1,363,639	15,058	9,602	127,311
3	Total net generation .....	9,446,570	10,633,406	191,338	9,602	171,196
	Energy imported:					7,793
4	From other provinces .....	...	...	-	-	-
5	From United States .....	242,981	279,464	-	-	7,793
6	Totals .....	242,981	279,464	-	-	-
	Energy exported:			6,150	-	676
7	To other provinces - Firm .....	...	...	1,189	-	1,558
8	Secondary .....	70,388	64,634	-	-	-
9	To United States - Firm .....	188,942	272,970	-	-	-
10	Secondary .....	259,330	337,604	7,339	-	2,234
11	Totals .....					
12	Net energy used in Canada .....	9,430,221	10,575,266	183,999	9,602	176,755
13	Secondary energy used in Canada .....	295,918	382,608	70	-	-
14	Firm energy used in Canada .....	9,134,303	10,192,658	183,929	9,602	176,755

... Figures not appropriate or not applicable.

TABLE 2B. Supply and Demand of Electric Energy  
June 1964

No.		Canada 1963	Canada	Newfoundland	Prince Edward Island	Nova Scotia
				thousand kwh.		
	<u>Supply of electric energy</u>					
	Net generation:					43,166
1	Utilities - Hydro .....	6,579,479	6,871,959	142,090	-	109,356
2	Thermal .....	843,975	928,685	2,777	8,782	152,522
3	Totals .....	7,423,454	7,800,644	144,867	8,782	-
	Industry - Hydro .....	1,805,987 <sup>r</sup>	2,372,617	35,609	-	2,750
4	Thermal .....	225,012 <sup>r</sup>	278,364	3,027	-	16,737
5	Totals .....	2,030,999 <sup>r</sup>	2,650,981	38,636	-	19,487
6						
7	Grand total - Hydro .....	8,385,466	9,244,576 <sup>r</sup>	177,699	-	45,916 <sup>r</sup>
8	Thermal .....	1,068,987 <sup>r</sup>	1,207,049 <sup>r</sup>	5,804	8,782	126,093
9	Total net generation .....	9,454,453	10,451,625 <sup>r</sup>	183,503	8,782	172,009
	Energy imported:					4,881
10	From other provinces .....	...	...	-	-	-
11	From United States .....	239,210	268,675	-	-	4,881
12	Totals .....	239,210	268,675	-	-	176,890
13	Total supply of electric energy .....	9,693,663	10,720,300	183,503	8,782	-
	<u>Demand for electric energy</u>					
	Sales:					43,446
14	Domestic .....	..	1,768,366	17,020	3,266	-
15	Farm(1) .....	..	76,456	-	-	30,612
16	General service (commercial) .....	..	875,034	6,170	4,129	77,762
17	Power - Firm .....	..	6,369,818	147,220	-	-
18	Secondary .....	..	299,248	164	-	-
19	Total power .....	..	6,669,066	147,384	-	1,438
20	Street lighting .....	..	58,509	398	118	153,258
21	Total sales .....	..	9,447,431	170,972	7,513	-
	Energy exported:					746
22	To other provinces - Firm .....	...	...	4,019	-	43
23	Secondary .....	...	...	2,469	-	-
24	To United States - Firm .....	71,994	69,728	-	-	-
25	Secondary .....	243,061	196,215	-	-	1,18
26	Total energy exported .....	315,055	265,943	6,488	-	-
27	Unallocated energy(2) .....	..	651,087	6,043	1,146	11,10
28	Distribution by non-respondents .....	..	355,839	-	123	11,34
29	Total demand for electric energy .....	..	10,720,300	183,503	8,782	176,89

(1) Many utilities cannot distinguish between domestic and farm, as they do not keep separate records.

(2) Includes losses, unaccounted for, and cyclical billing adjustment.

.. Figures not available.

TABLE 1B. Preliminary Electric Energy Statistics  
July 1964

New Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Yukon and N.W.T.	No.
thousand kwh.								
102,205	4,648,311	2,449,979	370,076	129,932	98,809	1,234,435	15,855	1
115,613	30,953	572,317	5,178	118,894	274,938	91,683	2,092	2
217,818	4,679,264	3,022,296	375,254	248,826	373,747	1,326,118	17,947	3
4,051	9,832 <sup>r</sup>	567,329 <sup>r</sup>	55,102 <sup>r</sup>	1,078	4,412	284	-	4
260	50	276,222	-	-	-	2,932	-	5
4,311	9,882 <sup>r</sup>	843,551 <sup>r</sup>	55,102 <sup>r</sup>	1,078	4,412	3,216	-	6
-	340,383 <sup>r</sup>	1,938 <sup>r</sup>	1,419	44,747 <sup>r</sup>	284	4,412	-	7
7,793	228,422 <sup>r</sup>	10,910 <sup>r</sup>	-	-	-	-	-	8
13,643	995	49,743	-	-	-	253	-	9
3,763	4,708	261,620	-	-	-	2,879	-	10
25,199	574,508 <sup>r</sup>	324,211 <sup>r</sup>	1,419	44,747 <sup>r</sup>	284	7,544	-	11
196,930	4,114,638 <sup>r</sup>	3,541,636 <sup>r</sup>	428,937 <sup>r</sup>	205,157 <sup>r</sup>	377,875	1,321,790	17,947	12
-	309,228	48,744	4,383	1,888	-	15,195	3,100	13
196,930	3,805,410 <sup>r</sup>	3,492,892 <sup>r</sup>	424,554 <sup>r</sup>	203,269 <sup>r</sup>	377,875	1,306,595	14,847	14

Revised figures.

TABLE 2B. Supply and Demand of Electric Energy  
June 1964

New Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Yukon and N.W.T.	No.
thousand kwh.								
113,734	2,875,271	2,524,578	370,287	121,067	86,321	584,400	11,045	1
45,822	607	365,607	2,726	117,873	255,132	17,799	2,204	2
159,556	2,875,878	2,890,185	373,013	238,940	341,453	602,199	13,249	3
8,572	1,546,567	132,939	5,655	6,738	-	629,685	4,102	4
45,016	29,862	80,720	3,452	-	30,072	69,478	-	5
53,588	1,576,429	213,659	9,107	6,738	30,072	699,163	4,102	6
122,306 <sup>r</sup>	4,421,838 <sup>r</sup>	2,657,517	375,942	127,805	86,321	1,214,085	15,147	7
90,838 <sup>r</sup>	30,469	446,327	6,178	117,873	285,204	87,277	2,204	8
213,144	4,452,307 <sup>r</sup>	3,103,844	382,120	245,678	371,525	1,301,362	17,351	9
2,997	8,700 <sup>r</sup>	491,526	58,357	936	4,017	583	-	10
535	54	265,004	-	-	-	3,082	-	11
3,532	8,754 <sup>r</sup>	756,530	58,357	936	4,017	3,665	-	12
216,676	4,461,061	3,860,374	440,477	246,614	375,542	1,305,027	17,351	13
32,597	554,399	727,263	105,885	42,838	65,973	174,306	1,373	14
-	-	-	24,944	25,902	25,610	-	-	15
17,115	188,863	350,085	52,998	32,855	59,026	130,778	2,403	16
127,267	2,728,660	1,938,825	214,459	66,832	181,137	878,315	9,341	17
30	214,598	50,351	10,926	1,792	-	17,783	3,604	18
127,297	2,943,258	1,989,176	225,385	68,624	181,137	896,098	12,945	19
1,416	17,085	23,963	3,226	1,611	4,755	4,493	6	20
178,425	3,703,605	3,090,487	412,438	171,830	336,501	1,205,675	16,727	21
-	354,056	1,882	1,255	43,782	583	4,017	-	22
4,881	138,965	14,905	-	-	-	-	-	23
14,723	1,194	53,641	-	-	-	170	-	24
4,821	1,490	186,961	-	-	-	2,943	-	25
24,425	495,705	257,389	1,255	43,782	583	7,130	-	26
11,916	232,035	222,471	26,784	28,873	31,279	79,317	115	27
1,910	29,716	290,027	-	2,129	7,179	12,905	509	28
216,676	4,461,061	3,860,374	440,477	246,614	375,542	1,305,027	17,351	29

Figures not appropriate or not applicable.  
Revised figures.



TABLE 3. Supply of Electric Energy

January - September 1964

Month	Total net generation	Imports from United States	Exports to United States	Net energy used in Canada	Secondary energy used in Canada	Firm energy used in Canada	Daily average, total net generation
thousand kwh.							
January .....	11,674,881	181,965	406,713	11,450,133	250,727	11,199,406	376,609
February .....	10,856,487	206,294	342,852	10,719,929	235,561	10,484,368	374,362
March .....	11,355,941	207,822	333,486	11,230,277	231,591	10,998,686	366,321
April .....	10,839,225	182,453	343,625	10,678,053	216,875	10,461,178	361,308
May .....	10,732,071 <sup>r</sup>	244,896	336,816	10,640,151 <sup>r</sup>	254,321 <sup>r</sup>	10,385,830 <sup>r</sup>	346,196 <sup>r</sup>
June .....	10,451,625 <sup>r</sup>	268,675	265,943	10,454,357 <sup>r</sup>	299,248 <sup>r</sup>	10,155,109 <sup>r</sup>	348,388 <sup>r</sup>
July .....	10,633,406	279,464	337,604	10,575,266	382,608	10,192,658	343,013
August .....	10,710,003	303,559	368,296	10,645,266	328,626	10,316,640	345,484
September .....	10,847,155	263,780	365,785	10,745,150	315,552	10,429,598	361,572
October .....							
November .....							
December .....							
Year .....							

<sup>r</sup> Revised figures.

TABLE 4. Sales of Electric Energy to Ultimate Customers

January - June 1964

Month	Domestic	Farm(1)	General service (commercial)	Firm power	Secondary power	Total power	Street lighting	Total sales to ultimate customers
thousand kwh.								
January .....	2,424,569	83,464	950,408	6,255,348	250,727	6,506,075	78,985	10,043,501
February .....	2,312,091	92,606	934,538	6,035,298	235,561	6,270,859	71,711	9,681,805
March .....	2,203,444	91,134	938,812	6,473,577	231,591	6,705,168	70,581	10,009,135
April .....	2,096,791	87,051	933,433	6,302,515	216,875	6,519,390	64,935	9,701,600
May .....	1,974,884	82,304	882,680	6,504,601	254,321	6,758,922	60,833	9,759,622
June .....	1,768,366	76,456	875,034	6,369,818	299,248	6,669,066	58,509	9,447,433
July .....								
August .....								
September .....								
October .....								
November .....								
December .....								
Year .....								

(1) Many utilities cannot distinguish between domestic and farm, as they do not keep separate records.

TABLE 5. Net Generation, 1960-64

CANADA

Year and month	Utilities			Industry			Grand total
	Hydro	Thermal	Total	Hydro	Thermal	Total	
	thousand kwh.						
1960 .....	83,024,886	5,957,979	88,982,865	22,743,499	2,313,010	25,056,509	114,039,374
1961 .....	82,014,614	7,049,079	89,063,693	21,660,132	2,497,588	24,157,720	113,221,413
1962 .....	80,861,406	10,781,660	91,643,066	22,789,817	2,570,288	25,360,105	117,003,171
1963 .....	80,214,421	15,428,726	95,643,147	23,102,958	2,811,630	25,914,588	121,557,735
1964 .....							
1964 - January ....	7,431,032	1,738,748	9,169,780	2,224,468	280,633	2,505,101	11,674,881
February ...	6,974,373	1,511,183	8,485,556	2,086,693	284,238	2,370,931	10,856,487
March .....	7,469,733	1,360,388	8,830,121	2,226,810	299,010	2,525,820	11,355,941
April .....	7,145,512	1,227,732	8,373,244	2,178,439	287,542	2,465,981	10,839,225
May .....	7,327,904 <sup>r</sup>	857,423 <sup>r</sup>	8,185,327 <sup>r</sup>	2,255,020 <sup>r</sup>	291,724 <sup>r</sup>	2,546,744 <sup>r</sup>	10,732,071 <sup>r</sup>
June .....	6,871,959 <sup>r</sup>	928,685	7,800,644 <sup>r</sup>	2,372,617 <sup>r</sup>	278,364 <sup>r</sup>	2,650,981 <sup>r</sup>	10,451,625 <sup>r</sup>
July .....	6,842,234	1,090,081	7,932,315	2,427,533	273,558	2,701,091	10,633,406
August .....	6,569,172	1,361,238	7,930,410	2,480,664	298,929	2,779,593	10,710,003
September ..	6,475,386	1,645,820	8,121,206	2,441,809	284,140	2,725,949	10,847,155
October ....							
November ...							
December ...							

<sup>r</sup> Revised figures.







CATALOGUE No.

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MONTHLY

# DOMINION BUREAU OF STATISTICS

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## ELECTRIC POWER STATISTICS

OCTOBER 1964

This report is the fifth of a revised series which contains several additions. Tables 1A and 1B contain preliminary statistics on energy generation, imports, exports and secondary for the months of October and September respectively. These preliminary statistics indicate that total net generation increased 13.7 per cent to 11,779,902 thousand kwh. in October 1964 from 10,357,203 thousand kwh. generated one year ago.

Imports increased to 318,318 thousand kwh. from 261,533 thousand kwh. and exports increased to 408,645 thousand kwh. from 285,781 thousand kwh. in October 1963.

Tables 2A and 2B show detailed data concerning the amount of energy made available and the disposition of this energy for the months of July and August respectively. These figures include a breakdown of sales by rate categories for large utilities and industries while distribution by smaller utilities and industries is included in "distribution by non-respondents" (item 28). Distribution by non-respondents is the energy which is delivered by companies which report in this survey to companies which do not report. Consumption of own generation by industrial establishments is included in power sales. Comparable July and August 1963 data is shown for all categories where it is available.

Tables 3, 4 and 5 give final data for the months January to August 1964 and preliminary data for other months. In table 3, the secondary energy includes both that used in electric boilers and that used for other purposes. In July, of the 360,561 thousand kwh. of secondary energy, 308,838 thousand kwh. were used in electric boilers and 51,723 thousand kwh. were used for other purposes, while in August, of the 328,357 thousand kwh. of secondary energy, 289,257 thousand kwh. were used in electric boilers and 39,100 thousand kwh. were used for other purposes.

The total generation for the twelve-month period ending October 31, 1964 amounted to 131,719,965 thousand kwh. compared to 130,549,266 thousand kwh. for the period ending in August.

Monthly electric power statistics are designed to provide current information on the production and consumption of electric energy in Canada. In order to expedite the collection and compilation of returns, the series is confined to firms which generate a minimum of 10 million kwh. per annum and to large distributors of electric energy. These firms accounted for 99.6 per cent of total production in 1962.

In the electric power series, net generation is defined as total generation less the amount used in station service.

Industry Division

September 1964

1-513

TABLE 1A. Preliminary Electric Energy Statistics  
October 1964

No.		Canada 1963	Canada	Newfoundland	Prince Edward Island	Nova Scotia
				thousand kwh.		
1	Net generation - Hydro .....	8,592,827	9,777,632	194,116	-	55,066
2	Thermal .....	1,764,376 <sup>r</sup>	2,002,270	9,751	11,226	181,894
3	Total net generation .....	10,357,203 <sup>r</sup>	11,779,902	203,867	11,226	236,960
4	Energy imported:			-	-	36
5	From other provinces .....	261,533	318,318	-	-	-
6	From United States .....	261,533	318,318	-	-	36
7	Totals .....					
8	Energy exported:			7,050	-	360
9	To other provinces - Firm .....	...	...	-	-	32,155
10	Secondary .....	...	...	-	-	-
11	To United States - Firm .....	80,063	66,986	-	-	-
12	Secondary .....	205,718	341,659	-	-	32,515
13	Totals .....	285,781	408,645	7,050	-	
14	Net energy used in Canada .....	10,332,955	11,689,575	196,817	11,226	204,481
15	Secondary energy used in Canada(1) .....	151,927	390,748	25	-	-
16	Firm energy used in Canada .....	10,181,028	11,298,827	196,792	11,262	204,481

(1) Secondary energy for use in other than electric boilers amounted to 38,400 thousand kwh. in Quebec and 16,396 thousand kwh in Ontario.

TABLE 2A. Supply and Demand of Electric Energy  
July 1964

No.		Canada 1963	Canada	Newfoundland	Prince Edward Island	Nova Scotia
				thousand kwh.		
	<u>Supply of electric energy</u>					
1	Net generation:				-	41,155
2	Utilities - Hydro .....	6,351,451	6,841,984 <sup>r</sup>	142,143	9,602	111,468
3	Thermal .....	1,011,597	1,090,081	11,661	9,602	152,623
4	Totals .....	7,363,048	7,932,065 <sup>r</sup>	153,804		2,730
5	Industry - Hydro .....	1,860,482	2,427,533	34,137	-	15,843
6	Thermal .....	223,040 <sup>r</sup>	272,110 <sup>r</sup>	3,397	-	18,573
7	Totals .....	2,083,522 <sup>r</sup>	2,699,643 <sup>r</sup>	37,534		
8	Grand total - Hydro .....	8,211,933	9,269,517 <sup>r</sup>	176,280	-	43,885
9	Thermal .....	1,234,637	1,362,191 <sup>r</sup>	15,058	9,602	127,311
10	Total net generation .....	9,446,570	10,631,708 <sup>r</sup>	191,338	9,602	171,196
11	Energy imported:			-	-	7,791
12	From other provinces .....	...	...	-	-	-
13	From United States .....	242,981	279,464	-	-	7,791
14	Totals .....	242,981	279,464	-	-	178,98
15	Total supply of electric energy .....	9,689,551	10,911,172	191,338	9,602	
	<u>Demand for electric energy</u>					
16	Sales:					
17	Domestic .....	..	1,726,280	15,140	3,869	42,711
18	Farm(1) .....	..	70,858	-	-	33,811
19	General service (commercial) .....	..	866,599	5,623	4,404	76,511
20	Power - Firm .....	..	6,495,721	154,808	-	-
21	Secondary .....	..	360,561 <sup>r</sup>	70	-	76,511
22	Total power .....	..	6,856,282	154,878	-	1,4
23	Street lighting .....	..	61,167	427	122	154,5
24	Total sales .....	..	9,581,186	176,068	8,395	
25	Energy exported:					
26	To other provinces - Firm .....	...	...	6,200 <sup>r</sup>	-	6
27	Secondary .....	...	...	1,189	-	1,9
28	To United States - Firm .....	70,388	64,634	-	-	-
29	Secondary .....	188,942	272,970	-	-	2,6
30	Total energy exported .....	259,330	337,604	7,389 <sup>r</sup>	-	
31	Unallocated energy(2) .....	..	630,914	7,881	1,062	10,0
32	Distribution by non-respondents .....	..	361,468	-	145	11,0
33	Total demand for electric energy .....	..	10,911,172	191,338	9,602	178,0

(1) Many utilities cannot distinguish between domestic and farm, as they do not keep separate records.

(2) Includes losses, unaccounted for, and cyclical billing adjustment.

.. Figures not available.

TABLE 1A. Preliminary Electric Energy Statistics  
October 1964

New Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Yukon and N.W.T.	No.
thousand kwh.								
57,063	5,106,019	2,428,990	377,190	135,084	65,929	1,340,158	18,017	1
150,226	33,474	944,381	30,175	134,837	352,472	152,172	1,662	2
207,289	5,139,493	3,373,371	407,365	269,921	418,401	1,492,330	19,679	3
34,978	14,534	638,392	62,947	981	4,391	511	-	4
494	60	307,709	-	-	-	10,055	-	5
35,472	14,594	946,101	62,947	981	4,391	10,566	-	6
-	369,564	2,326	1,219	47,433	511	4,391	-	7
36	271,053	20,672	-	-	-	-	-	8
12,346	1,342	53,147	-	-	-	151	-	9
7,342	4,042	327,724	-	-	-	2,551	-	10
19,724	646,001	403,869	1,219	47,433	511	7,093	-	11
223,037	4,508,086	3,915,603	469,093	223,469	422,281	1,495,803	19,679	12
1,051	308,343	43,708	9,909	1,371	-	21,433	4,908	13
221,986	4,199,743	3,871,895	459,184	222,098	422,281	1,474,370	14,771	14

. Figures not appropriate or not applicable.  
r Revised figures.

TABLE 2A. Supply and Demand of Electric Energy  
July 1964

New Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Yukon and N.W.T.	No.
thousand kwh.								
95,205	3,026,356 <sup>r</sup>	2,324,024	365,254	122,972	98,809	613,741	12,325	1
72,333	212	500,359	1,405	118,894	243,829	18,226	2,092	2
167,538	3,026,568 <sup>r</sup>	2,824,383	366,659	241,866	342,638	631,967	14,417	3
7,000	1,621,705	125,955	4,822	6,960	- <sup>r</sup>	620,694	3,530	4
43,280	29,260 <sup>r</sup>	71,958	3,773	-	31,142 <sup>r</sup>	73,457	-	5
50,280	1,650,965 <sup>r</sup>	197,913	8,595	6,960	31,142 <sup>r</sup>	694,151	3,530	6
102,205	4,648,061 <sup>r</sup>	2,449,979	370,076	129,932	98,809	1,234,435	15,855	7
115,613	29,472 <sup>r</sup>	572,317	5,178	118,894	274,971 <sup>r</sup>	91,683	2,092	8
217,818	4,677,533 <sup>r</sup>	3,022,296	375,254	248,826	373,780 <sup>r</sup>	1,326,118	17,947	9
4,464 <sup>r</sup>	9,882	559,787 <sup>r</sup>	55,707 <sup>r</sup>	1,077 <sup>r</sup>	4,412	286 <sup>r</sup>	-	10
260	50	276,222	-	-	-	2,932	-	11
4,724 <sup>r</sup>	9,932	836,009 <sup>r</sup>	55,707 <sup>r</sup>	1,077 <sup>r</sup>	4,412	3,218 <sup>r</sup>	-	12
222,542	4,687,465	3,858,305	430,961	249,903	378,192	1,329,336	17,947	13
32,614	506,006	749,706	100,194	42,960	61,845	170,387	848	14
-	-	-	20,908	24,801	25,149	-	-	15
17,355	177,071	356,103	52,521	32,500	56,834	128,598	1,763	16
132,003	2,821,797	1,919,033	218,224	72,995	181,759	908,399	10,144	17
-	290,994 <sup>r</sup>	44,485 <sup>r</sup>	4,401 <sup>r</sup>	1,888	-	15,195	3,528 <sup>r</sup>	18
132,003	3,112,791	1,963,518	222,625	74,883	181,759	923,594	13,672	19
1,430	17,392	24,559	3,536	1,641	5,176	5,447	12	20
183,402	3,813,260	3,093,886	399,784	176,785	330,763	1,228,026	16,295	21
-	340,281 <sup>r</sup>	1,938	1,418 <sup>r</sup>	45,352 <sup>r</sup>	286 <sup>r</sup>	4,412	-	22
7,793	220,982 <sup>r</sup>	10,910	-	-	-	-	-	23
13,643	995	49,743	-	-	-	253	-	24
3,763	4,708	261,620	-	-	-	2,879	-	25
25,199	566,966 <sup>r</sup>	324,211	1,418 <sup>r</sup>	45,352 <sup>r</sup>	286 <sup>r</sup>	7,544	-	26
11,907	275,612	148,495	29,759	25,438	39,981	79,490	1,257	27
2,034	31,627	291,713	-	2,328	7,162	14,276	395	28
222,542	4,687,465	3,858,305	430,961	249,903	378,192	1,329,336	17,947	29

Figures not appropriate or not applicable.  
Revised figures.



TABLE 1B. Preliminary Electric Energy Statistics  
September 1964

No.		Canada 1963	Canada	Newfoundland	Prince Edward Island	Nova Scotia
		thousand kwh.				
1	Net generation - Hydro .....	8,247,823	8,917,195	182,784	-	49,874
2	Thermal .....	1,475,387	1,929,960	6,223	9,914	141,782
3	Total net generation .....	9,723,210	10,847,155	189,007	9,914	191,656
	Energy imported:					2,299
4	From other provinces .....	...	...	-	-	-
5	From United States .....	272,559	263,780	-	-	2,299
	Totals .....	272,559	263,780	-	-	-
	Energy exported:			6,934	-	344
7	To other provinces - Firm .....	...	...	-	-	10,154
8	Secondary .....	...	...	-	-	-
9	To United States - Firm .....	73,890	61,303	-	-	-
10	Secondary .....	198,798	305,482 <sup>r</sup>	-	-	-
11	Totals .....	272,688	366,785 <sup>r</sup>	6,934	-	10,498
12	Net energy used in Canada .....	9,723,081	10,744,130 <sup>r</sup>	182,073	9,914	183,457
13	Secondary energy used in Canada .....	296,913	315,552	28	-	-
14	Firm energy used in Canada .....	9,426,168	10,428,578 <sup>r</sup>	182,045	9,914	183,457

... Figures not appropriate or not applicable

TABLE 2B. Supply and Demand of Electric Energy  
August 1964

No.		Canada 1963	Canada	Newfoundland	Prince Edward Island	Nova Scotia
		thousand kwh.				
	<u>Supply of electric energy</u>					
	Net generation:					46,605
1	Utilities - Hydro .....	6,535,570	6,568,027 <sup>r</sup>	147,931	-	110,628
2	Thermal .....	1,014,750	1,358,214 <sup>r</sup>	4,196	10,158	157,233
3	Totals .....	7,550,320	7,926,241 <sup>r</sup>	152,127	10,158	-
4	Industry - Hydro .....	1,947,864 <sup>r</sup>	2,480,664	35,195	-	2,785
5	Thermal .....	251,173 <sup>r</sup>	298,929	2,778	-	21,086
6	Totals .....	2,199,037 <sup>r</sup>	2,779,593	37,973	-	23,871
7	Grand total - Hydro .....	8,483,434	9,048,641 <sup>r</sup>	183,126	-	49,390
8	Thermal .....	1,265,923	1,657,143 <sup>r</sup>	6,974	10,158	131,714
9	Total net generation .....	9,749,357	10,705,834 <sup>r</sup>	190,100	10,158	181,104
	Energy imported:					2,430
10	From other provinces .....	...	...	-	-	-
11	From United States .....	306,477	303,559	-	-	2,430
12	Totals .....	306,477	303,559	-	-	-
13	Total supply of electric energy .....	10,055,834	11,009,393	190,100	10,158	183,534
	<u>Demand for electric energy</u>					
	Sales:					
14	Domestic .....	...	1,590,229	15,422	3,226	2,430
15	Farm .....	...	69,290	-	-	12,800
16	General service (commercial) .....	...	870,701	5,785	4,226	26,880
17	Power - Firm .....	...	6,554,821	154,445	-	-
18	Secondary .....	...	328,357 <sup>r</sup>	48	-	26,880
19	Total power .....	...	6,883,178	154,493	-	-
20	Street lighting .....	...	64,006	504	121	1,330
21	Total sales .....	...	9,477,404	176,204	6,242	183,110
	Energy exported:			6,374	-	344
22	To other provinces - Firm .....	...	...	-	-	10,154
23	Secondary .....	...	...	-	-	-
24	To United States - Firm .....	74,067	60,484	-	-	-
25	Secondary .....	197,402	307,812	-	-	-
26	Total energy exported .....	271,469	368,296	6,374	-	-
27	Unallocated energy(2) .....	...	804,146	7,522	1,221	18,700
28	Distribution by non-respondents .....	...	359,547	-	-	-
29	Total demand for electric energy .....	...	11,009,393	190,100	10,158	183,534

(1) Many utilities cannot distinguish between domestic and farm, as they do not keep separate records.  
(2) Includes losses, unaccounted for, and cyclical billing adjustment.

... Figures not available.

TABLE 1B. Preliminary Electric Energy Statistics

September 1964

New Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Yukon and N.W.T.	No.
thousand kwh.								
60,840	4,670,620	2,159,433	351,329	111,998	59,454	1,254,445	16,418	1
150,646	43,109	967,963	9,851	143,690	334,715	119,618	2,449	2
211,486	4,713,729	3,127,396	361,180	255,688	394,169	1,374,063	18,867	3
12,459	8,662	590,978	55,604	1,122	4,473	504	-	4
484	54	260,078	-	-	-	3,164	-	5
12,943	8,716	851,056	55,604	1,122	4,473	3,668	-	6
-	351,994	1,544	502	44,147	504	4,473	-	7
2,299	240,637	11,641	928	-	-	-	-	8
9,534	1,221	50,381	-	-	-	167	-	9
10,073	4,056	288,223 <sup>r</sup>	-	-	-	3,130	-	10
21,906	597,908	351,789 <sup>r</sup>	1,430	44,147	504	7,770	-	11
202,523	4,124,537	3,626,663 <sup>r</sup>	415,354	212,663	398,138	1,369,961	18,867	12
-	243,794	42,892	8,150	1,775	-	16,338	2,575	13
202,523	3,880,743	3,583,771 <sup>r</sup>	407,204	210,888	398,138	1,353,623	16,292	14

<sup>r</sup> Revised figures.

TABLE 2B. Supply and Demand of Electric Energy

August 1964

New Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Yukon and N.W.T.	No.
thousand kwh.								
74,273	3,074,817 <sup>r</sup>	2,055,224	337,842	123,211	63,703	634,925	9,496 <sup>r</sup>	1
86,329	3,116	712,675	2,222	122,057	285,131	19,509 <sup>r</sup>	2,193 <sup>r</sup>	2
160,602	3,077,933 <sup>r</sup>	2,767,899	340,064	245,268	348,834	654,434 <sup>r</sup>	11,689 <sup>r</sup>	3
4,146	1,641,695	128,954	5,869	6,872	-	650,091	5,057	4
50,011	31,769	80,527	3,286	32	28,894	80,546	-	5
54,157	1,673,464	209,481	9,155	6,904	28,894	730,637	5,057	6
78,419	4,716,512 <sup>r</sup>	2,184,178	343,711	130,083	63,703	1,285,016	14,553 <sup>r</sup>	7
136,340	34,885	793,202	5,508	122,089	314,025	100,055 <sup>r</sup>	2,193 <sup>r</sup>	8
214,759	4,751,397 <sup>r</sup>	2,977,380	349,219	252,172	377,728	1,385,071 <sup>r</sup>	16,746 <sup>r</sup>	9
6,493 <sup>r</sup>	8,912 <sup>r</sup>	597,014 <sup>r</sup>	51,078 <sup>r</sup>	1,086	4,983	149	-	10
469	47	299,729	-	-	-	3,314	-	11
6,962 <sup>r</sup>	8,959 <sup>r</sup>	896,743 <sup>r</sup>	51,078 <sup>r</sup>	1,086	4,983	3,463	-	12
221,721	4,760,356	3,874,123	400,297	253,258	382,711	1,388,534	16,746	13
31,126	461,711	655,674	101,246	41,148	60,945	175,753	1,274	14
-	-	-	21,019	25,014	23,257	-	-	15
17,086	181,949	352,738	50,738	31,227	55,533	135,538	2,826	16
136,493	2,834,474	1,941,717	185,017	70,532	180,282	964,910	10,266	17
-	266,467 <sup>r</sup>	40,627 <sup>r</sup>	2,979 <sup>r</sup>	1,989	-	13,051	3,196 <sup>r</sup>	18
136,493	3,100,941	1,982,344	187,996	72,521	180,282	977,961	13,462	19
1,435	17,253	24,935	4,189	1,843	6,256	5,914	26	20
186,140	3,761,854	3,015,691	365,188	171,753	326,273	1,295,166	17,588	21
-	355,948 <sup>r</sup>	2,065 <sup>r</sup>	1,545	44,966 <sup>r</sup>	149	4,983	-	22
2,430	242,464 <sup>r</sup>	6,585 <sup>r</sup>	-	-	-	-	-	23
10,254	1,164	48,804	-	-	-	262	-	24
7,354	4,814	292,345	-	-	-	3,299	-	25
20,038	604,390 <sup>r</sup>	349,799 <sup>r</sup>	1,545	44,966 <sup>r</sup>	149	8,544	-	26
13,434	362,129	219,818	33,564	34,188	49,221	69,959	- 1,309	27
2,109	31,983	288,815	-	2,351	7,068	14,865	467	28
221,721	4,760,356	3,874,123	400,297	253,258	382,711	1,388,534	16,746	29

Figures not appropriate or not applicable.  
Revised figures.

TABLE 3. Supply of Electric Energy  
January - October 1964

Month	Total net generation	Imports from United States	Exports to United States	Net energy used in Canada	Secondary energy used in Canada	Firm energy used in Canada	Daily average, total net generation
thousand kwh.							
January .....	11,674,881	181,965	406,713	11,450,133	250,727	11,199,406	376,609
February .....	10,856,487	206,294	342,852	10,719,929	235,561	10,484,368	374,362
March .....	11,355,941	207,822	333,486	11,230,277	231,591	10,998,686	366,321
April .....	10,839,225	182,453	343,625	10,678,053	216,875	10,461,178	361,308
May .....	10,732,071	244,896	336,816	10,640,151	254,321	10,385,830	346,196
June .....	10,451,625	268,675	265,943	10,454,357	299,248	10,155,109	348,388
July .....	10,631,708 <sup>r</sup>	279,464	337,604	10,573,568 <sup>r</sup>	360,561 <sup>r</sup>	10,213,007 <sup>r</sup>	342,958 <sup>r</sup>
August .....	10,705,834 <sup>r</sup>	303,559	368,296	10,641,097 <sup>r</sup>	328,357 <sup>r</sup>	10,312,740 <sup>r</sup>	345,349 <sup>r</sup>
September .....	10,847,155	263,780	366,785 <sup>r</sup>	10,744,150 <sup>r</sup>	315,552	10,428,598 <sup>r</sup>	361,572
October .....	11,779,902	318,318	408,645	11,689,575	390,748	11,298,827	379,997
November .....							
December .....							
Year .....							

<sup>r</sup> Revised figures.

TABLE 4. Sales of Electric Energy to Ultimate Customers  
January - August 1964

Month	Domestic	Farm(1)	General service (commercial)	Firm power	Secondary power	Total power	Street lighting	Total sales to ultimate customers
thousand kwh.								
January .....	2,424,569	83,464	950,408	6,255,348	250,727	6,506,075	78,985	10,043,501
February .....	2,312,091	92,606	934,538	6,035,298	235,561	6,270,859	71,711	9,681,805
March .....	2,203,444	91,134	938,812	6,473,577	231,591	6,705,168	70,581	10,009,139
April .....	2,096,791	87,051	933,433	6,302,515	216,875	6,519,390	64,935	9,701,608
May .....	1,974,884	82,304	882,680	6,504,601	254,321	6,758,922	60,833	9,759,623
June .....	1,768,366	76,456	875,034	6,369,818	299,248	6,669,066	58,509	9,447,431
July .....	1,726,280	70,858	866,599	6,495,721	360,561	6,856,282	61,167	9,581,186
August .....	1,590,229	69,290	870,701	6,554,821	328,357	6,883,178	64,006	9,477,404
September .....								
October .....								
November .....								
December .....								
Year .....								

(1) Many utilities cannot distinguish between domestic and farm, as they do not keep separate records.

TABLE 5. Net Generation, 1960-64

CANADA

Year and month	Utilities			Industry			Grand total
	Hydro	Thermal	Total	Hydro	Thermal	Total	
thousand kwh.							
1960 .....	83,024,886	5,957,979	88,982,865	22,743,499	2,313,010	25,056,509	114,039,375
1961 .....	82,014,614	7,049,079	89,063,693	21,660,132	2,497,588	24,157,720	113,221,413
1962 .....	80,861,406	10,781,660	91,643,066	22,789,817	2,570,288	25,360,105	117,003,171
1963 .....	80,214,421	15,428,726	95,643,147	23,102,958	2,811,630	25,914,588	121,557,735
1964 .....							
1964 - January ....	7,431,032	1,738,748	9,169,780	2,224,468	280,633	2,505,101	11,674,881
February ....	6,974,373	1,511,183	8,485,556	2,086,693	284,238	2,370,931	10,856,487
March ....	7,469,733	1,360,388	8,830,121	2,226,810	299,010	2,525,820	11,355,941
April .....	7,145,512	1,227,732	8,373,244	2,178,439	287,542	2,465,981	10,839,225
May .....	7,327,904	857,423	8,185,327	2,255,020	291,724	2,546,744	10,732,071
June .....	6,871,959	928,685	7,800,644	2,372,617	278,364	2,650,981	10,451,625
July .....	6,841,984 <sup>r</sup>	1,090,081	7,932,065 <sup>r</sup>	2,427,533	272,110 <sup>r</sup>	2,699,643 <sup>r</sup>	10,631,708 <sup>r</sup>
August .....	6,568,027 <sup>r</sup>	1,358,214 <sup>r</sup>	7,926,241 <sup>r</sup>	2,480,664	298,929	2,779,593	10,705,834 <sup>r</sup>
September ..	6,475,386	1,645,820	8,121,206	2,441,809	284,140	2,725,949	10,847,155
October ....	7,114,390	1,700,881	8,820,271	2,658,242	301,389	2,959,631	11,779,902
November ...							
December ...							

<sup>r</sup> Revised figures.







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Canada. Statistics, Bureau of  
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# DOMINION BUREAU OF STATISTICS

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## ELECTRIC POWER STATISTICS

NOVEMBER 1964

This report is the sixth of a revised series which contains several additions. Table 1 contains preliminary statistics on energy generation, imports, exports and secondary for the month of November. These preliminary statistics indicate that total net generation increased 11.1 per cent to 11,872,481 thousand kwh. in November 1964 from 10,686,622<sup>F</sup> thousand kwh. generated one year ago.

Imports increased to 250,091 thousand kwh. from 174,695 thousand kwh. and exports increased to 372,195 thousand kwh. from 277,379 thousand kwh. in November 1963.

Table 2 shows detailed data concerning the amount of energy made available and the disposition of this energy for the month of September. These figures include a breakdown of sales by rate categories for large utilities and industries while distribution by smaller utilities and industries is included in "distribution by non-respondents" (item 28). Distribution by non-respondents is the energy which is delivered by companies which report in this survey to companies which do not report. Consumption of own generation by industrial establishments is included in power sales. Comparable September 1963 data is shown for all categories where it is available.

Tables 3, 4 and 5 give final data for the months January to September 1964 and preliminary data for other months. In table 3 the secondary energy includes both that used in electric boilers and that used for other purpose. In September, of the 317,770 thousand kwh. of secondary energy, 265,411 thousand kwh. were used in electric boilers and 52,359 thousand kwh. were used for other purposes.

The total generation for the twelve-month period ending November 30 1964 amounted to 133,57,824 thousand kwh. compared to 131,971,965 thousand kwh. for the period ending in October.

Monthly electric power statistics are designed to provide current information on the production and consumption of electric energy in Canada. In order to expedite the collection and compilation of returns, the series is confined to firms which generate a minimum of 10 million kwh. per annum and to large distributors of electric energy. These firms accounted for 99.6 per cent of total production in 1962.

In the electric power series, net generation is defined as total generation less the amount used in station service.

Industry Division

January 1965  
11-513



TABLE 1. Preliminary Electric Energy Statistics

November 1964

No.		Canada 1963	Canada	Newfoundland	Prince Edward Island	Nova Scotia
				thousand kwh.		
1	Net generation - Hydro .....	8,797,426	9,671,519	192,852	-	51,645
2	Thermal .....	1,889,196 <sup>F</sup>	2,200,962	8,529	11,622	169,463
3	Total net generation .....	10,686,622 <sup>F</sup>	11,872,481	201,381	11,622	221,108
	Energy imported:					185
4	From other provinces .....	...	...	-	-	-
5	From United States .....	174,695	250,091	-	-	185
6	Totals .....	174,695	250,091	-	-	-
	Energy exported:			7,718	-	336
7	To other provinces - Firm .....	...	...	-	-	16,664
8	Secondary .....	...	...	-	-	-
9	To United States - Firm .....	75,493	67,323	-	-	-
10	Secondary .....	201,886	304,872	-	-	17,000
11	Totals .....	277,379	372,195	7,718	-	-
12	Net energy used in Canada .....	10,583,938 <sup>F</sup>	11,750,377	193,663	11,622	204,293
13	Secondary energy used in Canada(1) .....	163,674	345,512	33	-	-
14	Firm energy used in Canada .....	10,420,264 <sup>F</sup>	11,404,865	193,630	11,622	204,293

(1) Secondary energy for use in other than electric boilers amounted to 42,252 thousand kwh. in Quebec and 16,010 thousand kwh. in Ontario.

TABLE 2. Supply and Demand of Electric Energy

September 1964

September 1964						
No.		Canada 1963	Canada	Newfoundland	Prince Edward Island	Nova Scotia
thousand kwh.						
<u>Supply of electric energy</u>						
	Net generation:					
1	Utilities - Hydro .....	6,295,740	6,474,740 <sup>r</sup>	148,278	-	46,889
2	Thermal .....	1,242,288	1,645,891 <sup>r</sup>	4,312	9,914	126,988
3	Totals .....	7,538,028	8,120,631 <sup>r</sup>	152,590	9,914	173,877
	Industry - Hydro .....	1,952,083	2,441,809	34,506	-	2,985
4	Thermal .....	233,099	284,140	1,911	-	14,794
5	Totals .....	2,185,182	2,725,949	36,417	-	17,779
6						
7	Grand total - Hydro .....	8,247,823	8,916,549 <sup>r</sup>	182,784	-	49,874
8	Thermal .....	1,475,387	1,930,031 <sup>r</sup>	6,223	9,914	141,782
9	Total net generation .....	9,723,210	10,846,580 <sup>r</sup>	189,007	9,914	191,656
	Energy imported:					
10	From other provinces .....	...	...	-	-	2,299
11	From United States .....	272,559	263,780	-	-	-
12	Totals .....	272,559	263,780	-	-	2,299
13	Total supply of electric energy .....	9,995,769	11,110,360	189,007	9,914	193,955
	<u>Demand for electric energy</u>					
	Sales:					
14	Domestic .....	..	1,689,896	15,989	3,634	41,158
15	Farm(1) .....	..	68,877	-	-	-
16	General service (commercial) .....	..	883,038	6,115	5,047	31,574
17	Power - Firm .....	..	6,576,387	151,235	-	76,859
18	Secondary .....	..	317,770 <sup>r</sup>	28	-	-
19	Total power .....	..	6,894,157	151,263	-	76,859
20	Street lighting .....	..	69,184	564	135	1,565
21	Total sales .....	..	9,605,152	173,931	8,816	151,156
	Energy exported:					
22	To other provinces - Firm .....	...	...	6,934	-	344
23	Secondary .....	...	...	-	-	10,154
24	To United States - Firm .....	73,890 <sup>r</sup>	61,303	-	-	-
25	Secondary .....	198,798	305,482	-	-	-
26	Total energy exported .....	272,688 <sup>r</sup>	366,785	6,934	-	10,498
27	Unallocated energy(2) .....	..	755,590	8,142	944	19,976
28	Distribution by non-respondents .....	..	382,833	-	154	12,325
29	Total demand for electric energy .....	..	11,110,360	189,007	9,914	193,955

(1) Many utilities cannot distinguish between domestic and farm, as they do not keep separate records.

(2) Includes losses, unaccounted for, and cyclical billing adjustment.

.. Figures not available.

TABLE 1. Preliminary Electric Energy Statistics  
November 1964

New Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Yukon and N.W.T.	No.
thousand kwh.								
78,657	4,857,047	2,531,388	410,130	99,992	72,342	1,359,161	18,305	1
144,681	45,497	1,067,663	32,410	190,768	374,535	152,685	3,109	2
223,338	4,902,544	3,599,051	442,540	290,760	446,877	1,511,846	21,414	3
19,226	12,937	494,819	68,490	1,526	3,052	987	-	4
91	69	224,383	-	-	-	25,548	-	5
19,317	13,006	719,202	68,490	1,526	3,052	26,535	-	6
-	343,497	2,317	537	47,601	987	3,052	-	7
185	153,344	23,791	1,193	-	-	-	-	8
15,538	1,406	50,203	-	-	-	176	-	9
7,389	3,130	290,484	-	-	-	3,869	-	10
23,112	501,377	366,795	1,730	47,601	987	7,097	-	11
219,543	4,414,173	3,951,458	509,300	244,685	448,942	1,531,284	21,414	12
980	254,893	37,799	13,166	1,653	-	30,658	6,330	13
218,563	4,159,280	3,913,659	496,134	243,032	448,942	1,500,626	15,084	14

<sup>r</sup> Revised figures.

... Figures not appropriate or not applicable.

TABLE 2. Supply and Demand of Electric Energy  
September 1964

New Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Yukon and N.W.T.	No.
thousand kwh.								
57,792	3,045,516 <sup>r</sup>	2,031,815	346,720	105,586	59,454	620,841	11,849	1
102,847	10,728	890,377	6,660	143,622	304,098	43,825	2,520 <sup>r</sup>	2
160,639	3,056,244 <sup>r</sup>	2,922,192	353,380	249,208	363,552	664,666	14,369 <sup>r</sup>	3
3,048	1,624,458	127,618	4,609	6,412	-	633,604	4,569	4
47,799	32,381	77,586	3,191	68	30,617	75,793	-	5
50,847	1,656,839	205,204	7,800	6,480	30,617	709,397	4,569	6
60,840	4,669,974 <sup>r</sup>	2,159,433	351,329	111,998	59,454	1,254,445	16,418	7
150,646	43,109	967,963	9,851	143,690	334,715	119,618	2,520 <sup>r</sup>	8
211,486	4,713,083 <sup>r</sup>	3,127,396	361,180	255,688	394,169	1,374,063	18,938 <sup>r</sup>	9
12,459	9,256 <sup>r</sup>	590,978	55,604	1,122	4,473	482 <sup>r</sup>	-	10
484	54	260,078	-	-	-	3,164	-	11
12,943	9,310 <sup>r</sup>	851,056	55,604	1,122	4,473	3,646 <sup>r</sup>	-	12
224,429	4,722,393	3,978,452	416,784	256,810	398,642	1,377,709	18,938	13
32,543	499,187	687,194	112,148	45,050	65,877	185,858	1,258	14
-	-	-	22,920	21,935	24,022	-	-	15
17,714	180,258	363,874	53,819	31,649	56,777	133,833	2,378	16
134,527	2,889,453	1,944,779	182,993	72,093	184,097	930,484	9,867	17
-	243,903 <sup>r</sup>	43,570 <sup>r</sup>	8,087 <sup>r</sup>	1,775	-	16,338	4,069 <sup>r</sup>	18
134,527	3,133,356	1,988,349	191,080	73,868	184,097	946,822	13,936	19
1,437	19,218	25,516	4,865	2,118	7,331	6,400	35	20
186,221	3,832,019	3,064,933	384,832	174,620	338,104	1,272,913	17,607	21
-	351,994	2,138 <sup>r</sup>	502	44,147	482 <sup>r</sup>	4,473	-	22
2,299	240,637	11,641	928	-	-	-	-	23
9,534	1,221	50,381	-	-	-	167	-	24
10,073	4,056	288,223	-	-	-	3,130	-	25
21,906	597,908	352,383 <sup>r</sup>	1,430	44,147	482 <sup>r</sup>	7,770	-	26
13,314	260,059	252,567	30,522	35,665	52,068	81,608	722	27
2,988	32,404	308,569	-	2,378	7,988	15,418	609	28
224,429	4,722,393	3,978,452	416,784	256,810	398,642	1,377,709	18,938	29

... Figures not appropriate or not applicable.

<sup>r</sup> Revised figures.

TABLE 3. Supply of Electric Energy

January - November 1964

Month	Total net generation	Imports from United States	Exports to United States	Net energy used in Canada	Secondary energy used in Canada	Firm energy used in Canada	Daily average, total net generation
thousand kwh.							
January .....	11,674,881	181,965	406,713	11,450,133	250,727	11,199,406	376,609
February .....	10,856,487	206,294	342,852	10,719,929	235,561	10,484,368	374,362
March .....	11,355,941	207,822	333,486	11,230,277	231,591	10,998,686	366,321
April .....	10,839,225	182,453	343,625	10,678,053	216,875	10,461,178	361,308
May .....	10,732,071	244,896	336,816	10,640,151	254,321	10,385,830	346,196
June .....	10,451,625	268,675	265,943	10,454,357	299,248	10,155,109	348,388
July .....	10,631,708	279,464	337,604	10,573,568	360,561	10,213,007	342,958
August .....	10,705,834	303,559	368,296	10,641,097	328,357	10,312,740	345,349
September .....	10,846,580 <sup>r</sup>	263,780	366,785	10,743,575 <sup>r</sup>	317,770 <sup>r</sup>	10,425,805 <sup>r</sup>	361,553 <sup>r</sup>
October .....	11,779,902	318,318	408,645	11,689,575	390,748	11,298,827	379,997
November .....	11,872,481	250,091	372,195	11,750,377	345,512	11,404,865	395,749
December .....							
Year .....							

<sup>r</sup> Revised figures.

TABLE 4. Sales of Electric Energy to Ultimate Customers

January - September 1964

Month	Domestic	Farm(1)	General service (commercial)	Firm power	Secondary power	Total power	Street lighting	Total sales to ultimate customers
thousand kwh.								
January .....	2,424,569	83,464	950,408	6,255,348	250,727	6,506,075	78,985	10,043,501
February .....	2,312,091	92,606	934,538	6,035,298	235,561	6,270,859	71,711	9,681,805
March .....	2,203,444	91,134	938,812	6,473,577	231,591	6,705,168	70,581	10,009,139
April .....	2,096,791	87,051	933,433	6,302,515	216,875	6,519,390	64,935	9,701,600
May .....	1,974,884	82,304	882,680	6,504,601	254,321	6,758,922	60,833	9,759,623
June .....	1,768,366	76,456	875,034	6,369,818	299,248	6,669,066	58,509	9,447,431
July .....	1,726,280	70,858	866,599	6,495,721	360,561	6,856,282	61,167	9,581,186
August .....	1,590,229	69,290	870,701	6,554,821	328,357	6,883,178	64,006	9,477,404
September .....	1,689,896	68,877	883,038	6,576,387	317,770	6,894,157	69,184	9,605,152
October .....								
November .....								
December .....								
Year .....								

(1) Many utilities cannot distinguish between domestic and farm, as they do not keep separate records.

TABLE 5. Net Generation, 1960-64

CANADA

Year and month	Utilities			Industry			Grand total
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1962 .....	80,861,406	10,781,660	91,643,066	22,789,817	2,570,288	25,360,105	117,003,171
1963 .....	80,214,421	15,428,726	95,643,147	23,102,958	2,811,630	25,914,588	121,557,735
1964 .....							
1964 - January ....	7,431,032	1,738,748	9,169,780	2,224,468	280,633	2,505,101	11,674,881
February ....	6,974,373	1,511,183	8,485,556	2,086,693	284,238	2,370,931	10,856,487
March ....	7,464,733	1,360,388	8,830,121	2,226,810	299,010	2,525,820	11,355,941
April ....	7,145,512	1,227,732	8,373,244	2,178,439	287,542	2,465,981	10,839,225
May ....	7,327,904	857,423	8,185,327	2,255,020	291,724	2,546,744	10,732,071
June ....	6,471,459	928,685	7,800,644	2,372,617	278,364	2,650,981	10,451,625
July ....	6,441,484	1,090,081	7,932,065	2,427,533	272,110	2,699,643	10,631,708
August ....	6,441,484	1,358,214	7,929,241	2,480,664	298,929	2,779,593	10,705,834
September ..	6,441,484	1,043,571	8,129,631	2,441,809	284,140	2,725,949	10,846,580
October ....	7,119,390	1,700,881	8,820,271	2,658,242	301,389	2,959,631	11,779,902
November ....	7,169,279	1,905,537	9,074,816	2,502,240	295,425	2,797,665	11,872,481
December ....							

<sup>r</sup> Revised figures.



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## ELECTRIC POWER STATISTICS

DECEMBER 1964

This report is the seventh of a revised series which contains several additions. Table 1 contains preliminary statistics on energy generation, imports, exports and secondary for the month of December. These preliminary statistics indicate that total net generation increased 10.0 per cent to 12,544,182 thousand kwh. in December 1964 from 11,415,292 thousand kwh. generated one year ago.

Imports increased to 268,293 thousand kwh. from 224,516 thousand kwh. and exports decreased to 301,821 thousand kwh. from 323,546 thousand kwh. in December 1963.

Table 2 shows detailed data concerning the amount of energy made available and the disposition of this energy for the month of October. These figures include a breakdown of sales by rate categories for large utilities and industries while distribution by smaller utilities and industries is included in "distribution by non-respondents" (item 28). Distribution by non-respondents is the energy which is delivered by companies which report in this survey to companies which do not report. Consumption of own generation by industrial establishments is included in power sales. Comparable October 1963 data is shown for all categories where it is available.

Tables 3, 4 and 5 give final data for the months January to October 1964 and preliminary data for other months. In table 3 the secondary energy includes both that used in electric boilers and that used for other purposes. In October, of the 392,761 thousand kwh. of secondary energy, 336,485 thousand kwh. were used in electric boilers and 56,276 thousand kwh. were used for other purposes.

The total generation for the twelve-month period ending December 31, 1964 amounted to 134,289,295 thousand kwh. compared to 133,160,405 thousand kwh. for the period ending in November.

Monthly electric power statistics are designed to provide current information on the production and consumption of electric energy in Canada. In order to expedite the collection and compilation of returns, the series is confined to firms which generate a minimum of 10 million kwh. per annum and to large distributors of electric energy. These firms accounted for 99.6 per cent of total production in 1962.

In the electric power series, net generation is defined as total generation less the amount used in station.

Industry Division

February 1965  
6511-513

TABLE 1. Preliminary Electric Energy Statistics  
December 1964

No.		Canada 1963	Canada	Newfoundland	Prince Edward Island	Nova Scotia
				thousand kwh.		
1	Net generation - Hydro .....	9,591,288	9,975,976	209,500	-	69,542
2	Thermal .....	1,824,004	2,568,206	11,544	12,676	151,718
3	Total net generation .....	11,415,292	12,544,182	221,044	12,676	221,260
	Energy imported:					
4	From other provinces .....	...	...	-	-	4,826
5	From United States .....	224,516	268,293	-	-	-
6	Totals .....	224,516	268,293	-	-	4,826
	Energy exported:					
7	To other provinces - Firm .....	...	...	8,898	-	376
8	Secondary .....	...	...	-	-	9,932
9	To United States - Firm .....	74,359	66,305	-	-	-
10	Secondary .....	249,187	235,516	-	-	-
11	Totals .....	323,546	301,821	8,898	-	10,308
12	Net energy used in Canada .....	11,316,262	12,510,654	212,146	12,676	215,778
13	Secondary energy used in Canada(1) .....	179,387	272,644	906	-	-
14	Firm energy used in Canada .....	11,136,875	12,238,010	211,240	12,676	215,778

(1) Secondary energy for use in other than electric boilers amounted to 776 thousand kwh. in New Brunswick, 40,690 thousand kwh. in Quebec, 13,760 thousand kwh. in Ontario and 2,292 thousand kwh. in Yukon and N.W.T.

TABLE 2. Supply and Demand of Electric Energy  
October 1964

No.		Canada 1963	Canada	Newfoundland	Prince Edward Island	Nova Scotia
				thousand kwh.		
	<u>Supply of electric energy</u>					
	Net generation:					
1	Utilities - Hydro .....	6,626,661	7,119,390	157,350	-	53,066
2	Thermal .....	1,509,839	1,700,881	7,523	11,226	165,296
3	Totals .....	8,136,500	8,820,271	164,873	11,226	218,362
4	Industry - Hydro .....	1,966,166	2,659,423 <sup>r</sup>	36,766	-	3,143 <sup>r</sup>
5	Thermal .....	254,537 <sup>r</sup>	302,789 <sup>r</sup>	2,228	-	16,598
6	Totals .....	2,220,703 <sup>r</sup>	2,962,212 <sup>r</sup>	38,994	-	19,741 <sup>r</sup>
7	Grand total - Hydro .....	8,592,827	9,778,813 <sup>r</sup>	194,116	-	56,209 <sup>r</sup>
8	Thermal .....	1,764,376	2,003,670 <sup>r</sup>	9,751	11,226	181,894
9	Total net generation .....	10,357,203	11,782,483 <sup>r</sup>	203,867	11,226	238,103 <sup>r</sup>
	Energy imported:					
10	From other provinces .....	...	...	-	-	36
11	From United States .....	261,533	318,318	-	-	-
12	Totals .....	261,533	318,318	-	-	36
13	Total supply of electric energy .....	10,618,736	12,100,801	203,867	11,226	238,139
	<u>Demand for electric energy</u>					
	Sales:					
14	Domestic .....	..	1,962,156	17,663	3,773	43,186
15	Farm(1) .....	..	69,707	-	-	-
16	General service (commercial) .....	..	927,122	6,788	5,200	33,090
17	Power - Firm .....	..	6,897,230	161,038	-	82,422
18	Secondary .....	..	392,761 <sup>r</sup>	25	-	-
19	Total power .....	..	7,289,991	161,063	-	82,422
20	Street lighting .....	..	73,825	665	135	1,692
21	Total sales .....	..	10,322,801	186,179	9,108	160,390
	Energy exported:					
22	To other provinces - Firm .....	...	...	7,050	-	360
23	Secondary .....	...	...	-	-	32,155
24	To United States - Firm .....	80,063	66,986	-	-	-
25	Secondary .....	205,718	341,659	-	-	-
26	Total energy exported .....	285,781	408,645	7,050	-	32,515
27	Unallocated energy(2) .....	..	946,272	10,638	1,934	31,804
28	Distribution by non-respondents .....	..	423,083	-	184	13,430
29	Total demand for electric energy .....	..	12,100,801	203,867	11,226	238,139

(1) Many utilities cannot distinguish between domestic and farm, as they do not keep separate records.

(2) Includes losses, unaccounted for, and cyclical billing adjustment.

Figures not available.

TABLE 1. Preliminary Electric Energy Statistics  
December 1964

New Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Yukon and N.W.T.	No.
thousand kwh.								
101,549	4,853,159	2,606,548	463,481	88,335	109,639	1,453,154	21,069	1
138,578	82,315	1,294,956	49,612	249,177	418,139	155,826	3,665	2
240,127	4,935,474	3,901,504	513,093	337,512	527,778	1,608,980	24,734	3
12,762	13,385	394,980	86,220					
71	73	265,872	-	10,591	6,260	1,903	-	4
12,833	13,458	660,852	86,220	10,591	6,260	2,277	-	5
						4,180	-	6
-	375,759	2,911	587					
4,826	21,626	36,718	10,053	51,078	1,903	6,260	-	7
16,612	1,569	47,918	-	-	-	-	-	8
5,204	4,562	222,287	-	-	-	206	-	9
26,642	403,516	309,834	10,640	51,078	1,903	3,463	-	10
						9,929	-	11
226,318	4,545,416	4,252,522	588,673	297,025	532,135	1,603,231	24,734	12
824	177,608	42,114	9,799	1,617	-	36,718	3,058	13
225,494	4,367,808	4,210,408	578,874	295,408	532,135	1,566,513	21,676	14

r Revised figures.

... Figures not appropriate or not applicable.

TABLE 2. Supply and Demand of Electric Energy  
October 1964

New Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Yukon and N.W.T.	No.
thousand kwh.								
54,245	3,334,221	2,290,547	372,034	128,875	65,929	649,298	13,825	1
95,452	1,752	862,076	26,994	134,430	322,380	72,090	1,662	2
149,697	3,335,973	3,152,623	399,028	263,305	388,309	721,388	15,487	3
2,818	1,771,798	138,481 <sup>r</sup>	5,156	6,209	-	690,860	4,192	4
54,774	31,722	83,705 <sup>r</sup>	3,181	407	30,092	80,082	-	5
57,592	1,803,520	222,186 <sup>r</sup>	8,337	6,616	30,092	770,942	4,192	6
57,063	5,106,019	2,429,028 <sup>r</sup>	377,190	135,084	65,929	1,340,158	18,017	7
150,226	33,474	945,781 <sup>r</sup>	30,175	134,837	352,472	152,172	1,662	8
207,289	5,139,493	3,374,809 <sup>r</sup>	407,365	269,921	418,401	1,492,330	19,679	9
34,978	14,534	638,392	62,947	981	4,391	511	-	10
494	60	307,709	-	-	-	10,055	-	11
35,472	14,594	946,101	62,947	981	4,391	10,566	-	12
242,761	5,154,087	4,320,910	470,312	270,902	422,792	1,502,896	19,679	13
35,297	549,506	843,753	127,679	49,480	74,402	216,429	988	14
-	-	-	22,847	22,818	24,042	-	-	15
19,500	195,965	359,790	56,731	33,498	59,663	154,849	2,048	16
139,199	2,997,215	2,045,931	212,841	68,928	183,755	996,840	9,061	17
1,051	308,380 <sup>r</sup>	44,771 <sup>r</sup>	9,805 <sup>r</sup>	1,371	348 <sup>r</sup>	22,063 <sup>r</sup>	4,947 <sup>r</sup>	18
140,250	3,305,595	2,090,702	222,646	70,299	184,103	1,018,903	14,008	19
1,469	18,746	26,224	5,825	2,370	8,729	7,924	46	20
196,516	4,069,812	3,320,469	435,728	178,465	350,939	1,398,105	17,090	21
-	369,564	2,326	548 <sup>r</sup>	47,433	511	4,391	-	22
36	271,053	20,672	671 <sup>r</sup>	-	-	-	-	23
12,346	1,342	53,147	-	-	-	151	-	24
7,342	4,042	327,724	-	-	-	2,551	-	25
19,724	646,001	403,869	1,219	47,433	511	7,093	-	26
23,016	404,334	253,239	33,365	42,514	62,767	80,747	1,914	27
3,505	33,940	343,333	-	2,490	8,575	16,951	675	28
242,761	5,154,087	4,320,910	470,312	270,902	422,792	1,502,896	19,679	29

Revised figures.

... Figures not appropriate or not applicable.



TABLE 3. Supply of Electric Energy  
January - December 1964

Month	Total net generation	Imports from United States	Exports to United States	Net energy used in Canada	Secondary energy used in Canada	Firm energy used in Canada	Daily average, total net generation
thousand kwh.							
January .....	11,674,881	181,965	406,713	11,450,133	250,727	11,199,406	376,609
February .....	10,856,487	206,294	342,852	10,719,929	235,561	10,484,368	374,362
March .....	11,355,941	207,822	333,486	11,230,277	231,591	10,998,686	366,321
April .....	10,839,225	182,453	343,625	10,678,053	216,875	10,461,178	361,308
May .....	10,732,071	244,896	336,816	10,640,151	254,321	10,385,830	346,196
June .....	10,451,625	268,675	265,943	10,454,357	299,248	10,155,109	342,958
July .....	10,631,708	279,464	337,604	10,573,568	360,561	10,213,007	345,349
August .....	10,705,834	303,559	368,296	10,641,097	328,357	10,312,740	361,553
September .....	10,846,580	263,780	366,785	10,743,575	317,770	10,425,805	380,080
October .....	11,782,483	318,318	408,645	11,692,156	392,761	11,299,395	395,749
November .....	11,872,481	250,091	372,195	11,750,377	345,512	11,404,865	404,651
December .....	12,544,182	268,293	301,821	12,510,654	272,644	12,238,010	
Year .....							

F Revised figures.

TABLE 4. Sales of Electric Energy to Ultimate Customers  
January - October 1964

Month	Domestic	Farm(1)	General service (commercial)	Firm power	Secondary power	Total power	Street lighting	Total sales to ultimate customers
thousand kwh.								
January .....	2,424,569	83,464	950,408	6,255,348	250,727	6,506,075	78,985	10,043,501
February .....	2,312,091	92,606	934,538	6,035,298	235,561	6,270,859	71,711	9,681,805
March .....	2,203,444	91,134	938,812	6,473,577	231,591	6,705,168	70,581	10,009,139
April .....	2,096,791	87,051	933,433	6,302,515	216,875	6,519,390	64,935	9,701,600
May .....	1,974,884	82,304	882,680	6,504,601	254,321	6,758,922	60,833	9,759,623
June .....	1,768,366	76,456	875,034	6,369,818	299,248	6,669,066	58,509	9,447,431
July .....	1,726,280	70,858	866,599	6,495,721	360,561	6,856,282	61,167	9,581,186
August .....	1,590,229	69,290	870,701	6,554,821	328,357	6,883,178	64,006	9,477,404
September .....	1,689,896	68,877	883,038	6,576,387	317,770	6,894,157	69,184	9,605,152
October .....	1,962,156	69,707	927,122	6,897,230	392,761	7,289,991	73,825	10,322,801
November .....								
December .....								
Year .....								

(1) Many utilities cannot distinguish between domestic and farm, as they do not keep separate records.

TABLE 5. Net Generation, 1960-64

CANADA

Year and month	Utilities			Industry			Grand total
	Hydro	Thermal	Total	Hydro	Thermal	Total	
thousand kwh.							
1960 .....	83,024,886	5,957,979	88,982,865	22,743,499	2,313,010	25,056,509	114,039,375
1961 .....	82,014,614	7,049,079	89,063,693	21,660,132	2,497,588	24,157,720	113,221,415
1962 .....	80,861,406	10,781,660	91,643,066	22,789,817	2,570,288	25,360,105	117,003,171
1963 .....	80,214,421	15,428,726	95,643,147	23,102,958	2,811,630	25,914,588	121,557,735
1964 .....							
1964 - January ....	7,431,032	1,738,748	9,169,780	2,224,468	280,633	2,505,101	11,674,883
February ....	6,974,373	1,511,183	8,485,556	2,086,693	284,238	2,370,931	10,856,48
March ....	7,469,733	1,360,388	8,830,121	2,226,810	299,010	2,525,820	11,355,94
April ....	7,145,512	1,227,732	8,373,244	2,178,439	287,542	2,465,981	10,839,22
May ....	7,327,904	857,423	8,185,327	2,255,020	291,724	2,546,744	10,732,07
June ....	6,571,959	928,685	7,800,644	2,372,617	278,364	2,650,981	10,451,62
July ....	6,541,884	1,040,081	7,932,065	2,427,533	272,110	2,699,643	10,631,76
August ....	6,685,717	1,338,214	7,923,931	2,480,664	298,929	2,779,593	10,705,83
September ..	6,444,740	1,641,891	8,126,631	2,441,809	284,140	2,725,949	10,846,58
October ....	7,118,340	1,700,881	8,820,221	2,659,423 <sup>r</sup>	302,789 <sup>r</sup>	2,962,212 <sup>r</sup>	11,782,48
November ....	7,169,279	1,905,537	9,074,816	2,502,240	295,425	2,797,665	11,872,48
December ...	7,494,902	2,264,573	9,759,475	2,481,074	303,633	2,784,707	12,544,18

F Revised figures.

CATALOGUE No.

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MONTHLY

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ELECTRIC POWER STATISTICS

JANUARY 1965

Table 1 of this report contains preliminary statistics on energy generation, imports, exports and secondary for the month of January 1965. These preliminary statistics indicate that total net generation increased 8.0 per cent to 12,611,449 thousand kwh. in January 1965 from 11,674,881 thousand kwh. generated on year ago.

Imports increased to 282,875 thousand kwh. from 181,965 thousand kwh. and exports decreased to 304,582 thousand kwh. from 406,713 thousand kwh. in January 1964.

Table 2 shows detailed data concerning the amount of energy made available and the disposition of this energy for the month of November 1964. These figures include a breakdown of sales by rate categories for large utilities and industries while distribution by smaller utilities and industries is included in "distribution by non-respondents" (item 28). Distribution by non-respondents is the energy which is delivered by companies which report in this survey to companies which do not report. Consumption of own generation by industrial establishments is included in power sales. Comparable November 1963 data is shown for all categories where it is available.

Tables 3, 4 and 5 give final data for the months January to November 1964 and preliminary data for other months. In table 3 the secondary energy includes both that used in electric boilers and that used for other purposes. In November, of the 349,470 thousand kwh. of secondary energy 286,081 thousand kwh. were used in electric boilers and 63,389 thousand kwh. were used for other purposes.

The total generation for the twelve-month period ending January 31, 1965 amounted to 135,-228,765 thousand kwh. compared to 133,159,330<sup>1</sup> thousand kwh. for the period ending in December.

Monthly electric power statistics are designed to provide current information on the production and consumption of electric energy in Canada. In order to expedite the collection and compilation of returns, the series is confined to firms which generate a minimum of 10 million kwh. per annum and to large distributors of electric energy. These firms accounted for 99.6 per cent of total production in 1962.

In the electric power series, net generation is defined as total generation less the amount used in station.

Industry Division

arch 1965  
511-513

TABLE 1. Preliminary Electric Energy Statistics  
January 1965

No.		Canada 1964	Canada	Newfoundland	Prince Edward Island	Nova Scotia
				thousand kwh.		
1	Net generation - Hydro .....	9,655,500	9,872,381	212,891	-	69,790
2	Thermal .....	2,019,381	2,739,068	13,590	12,378	157,043
3	Total net generation .....	11,674,881	12,611,449	226,481	12,378	226,833
	Energy imported:					
4	From other provinces .....	...	...	-	-	4,361
5	From United States .....	181,965	282,875	-	-	-
6	Totals .....	181,965	282,875	-	-	4,361
	Energy exported:					
7	To other provinces - Firm .....	...	...	7,688	-	88
8	Secondary .....	...	...	-	-	10,923
9	To United States - Firm .....	73,708	66,250	-	-	-
10	Secondary .....	333,005	238,332	-	-	-
11	Totals .....	406,713	304,582	7,688	-	11,011
12	Net energy used in Canada .....	11,450,133	12,589,742	218,793	12,378	220,183
13	Secondary energy used in Canada(1) .....	250,727	288,306	118	-	-
14	Firm energy used in Canada .....	11,199,406	12,301,436	218,675	12,378	220,183

(1) Secondary energy for use in other than electric boilers amounted to 1,072 thousand kwh. in New Brunswick, 38,392 thousand kwh. in Quebec, 16,663 thousand kwh. in Ontario and 318 thousand kwh. in Yukon and N.W.T.

TABLE 2. Supply and Demand of Electric Energy  
November 1964

No.		Canada 1963	Canada	Newfoundland	Prince Edward Island	Nova Scotia
				thousand kwh.		
	<u>Supply of electric energy</u>					
	Net generation:					
1	Utilities - Hydro .....	6,976,757	7,169,279	157,788	-	48,536
2	Thermal .....	1,633,736	1,905,537	6,310	11,622	149,533
3	Totals .....	8,610,493	9,074,816	164,098	11,622	198,069
4	Industry - Hydro .....	1,820,669	2,502,240	35,064	-	3,109
5	Thermal .....	255,460	295,425	2,219	-	19,930
6	Totals .....	2,076,129	2,797,665	37,283	-	23,039
7	Grand total - Hydro .....	8,797,426	9,671,519	192,852	-	51,645
8	Thermal .....	1,889,196	2,200,962	8,529	11,622	169,463
9	Total net generation .....	10,686,622	11,872,481	201,381	11,622	221,108
	Energy imported:					
10	From other provinces .....	...	...	-	-	185
11	From United States .....	174,695	250,091	-	-	-
12	Totals .....	174,695	250,091	-	-	185
13	Total supply of electric energy .....	10,861,317	12,122,572	201,381	11,622	221,293
	<u>Demand for electric energy</u>					
	Sales:					
14	Domestic .....	..	2,004,863	19,835	4,196	47,758
15	Farm(1) .....	..	75,962	-	-	-
16	General service (commercial) .....	..	975,303	7,741	5,600	35,869
17	Power - Firm .....	..	6,789,811	155,802	-	80,967
18	Secondary .....	..	349,470	33	-	-
19	Total power .....	..	7,139,281	155,835	-	80,967
20	Street lighting .....	..	78,612	702	157	1,776
21	Total sales .....	..	10,274,021	184,113	9,953	166,370
	Energy exported:					
22	To other provinces - Firm .....	...	...	7,718	-	336
23	Secondary .....	...	...	-	-	16,664
24	To United States - Firm .....	75,493	67,323	-	-	-
25	Secondary .....	201,886	304,872	-	-	-
26	Total energy exported .....	277,379	372,195	7,718	-	17,000
27	Unallocated energy(2) .....	..	1,027,807	9,550	1,454	23,740
28	Distribution by non-respondents .....	..	448,549	-	215	14,183
29	Total demand for electric energy .....	..	12,122,572	201,381	11,622	221,293

(1) Many utilities cannot distinguish between domestic and farm, as they do not keep separate records.  
(2) Includes losses, unaccounted for, and cyclical billing adjustment.



TABLE 1. Preliminary Electric Energy Statistics  
January 1965

New Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Yukon and N.W.T.	No.
thousand kwh.								
101,851	4,786,083	2,661,534	468,340	98,447	91,680	1,361,095	20,670	1
148,817	95,511	1,352,440	48,275	245,877	425,994	234,813	4,330	2
250,668	4,881,594	4,013,974	516,615	344,324	517,674	1,595,908	25,000	3
13,670	12,251	389,786	90,913	12,472	2,049	3,125	-	4
104	89	251,826	-	-	-	30,856	-	5
13,774	12,340	641,612	90,913	12,472	2,049	33,981	-	6
-	358,397	3,162	755	50,737	3,125	2,049	-	7
4,361	34,040	41,180	11,725	397	-	-	-	8
16,028	1,343	48,681	-	-	-	198	-	9
5,394	5,778	223,982	-	-	-	3,178	-	10
25,783	399,558	317,005	12,480	51,134	3,125	5,425	-	11
238,659	4,494,376	4,338,581	595,048	305,662	516,598	1,624,464	25,000	12
1,148	180,236	54,407	8,395	1,524	-	35,660	6,818	13
237,511	4,314,140	4,284,174	586,653	304,138	516,598	1,588,804	18,182	14

.. Figures not appropriate or not applicable.

TABLE 2. Supply and Demand of Electric Energy  
November 1964

New Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Yukon and N.W.T.	No.
thousand kwh.								
75,781	3,243,982	2,396,841	404,642	93,388	72,342	661,072	14,907	1
92,902	13,437	991,731	29,936	190,761	346,200	69,996	3,109	2
168,683	3,257,419	3,388,572	434,578	284,149	418,542	731,068	18,016	3
2,876	1,613,065	134,547	5,488	6,604	-	698,089	3,398	4
51,779	32,060	75,932	2,474	7	28,335	82,689	-	5
54,655	1,645,125	210,479	7,962	6,611	28,335	780,778	3,398	6
78,657	4,857,047	2,531,388	410,130	99,992	72,342	1,359,161	18,305	7
144,681	45,497	1,067,663	32,410	190,768	374,535	152,685	3,109	8
223,338	4,902,544	3,599,051	442,540	290,760	446,877	1,511,846	21,414	9
19,226	12,937	494,819	68,490	1,526	3,052	987	-	10
91	69	224,383	-	-	-	25,548	-	11
19,317	13,006	719,202	68,490	1,526	3,052	26,535	-	12
242,655	4,915,550	4,318,253	511,030	292,286	449,929	1,538,381	21,414	13
36,848	576,931	814,462	125,128	56,668	82,933	238,497	1,607	14
-	-	-	25,129	27,132	23,701	-	-	15
23,405	203,902	374,539	59,174	36,253	65,343	161,358	2,119	16
138,935	2,923,652	2,017,567	225,588	68,202	185,086	985,843	8,169	17
980	255,081	42,055	12,368	1,653	312	30,658	6,330	18
139,915	3,178,733	2,059,622	237,956	69,855	185,398	1,016,501	14,499	19
1,489	20,361	26,740	6,553	2,667	9,382	8,726	59	20
201,657	3,979,927	3,275,363	453,940	192,575	366,757	1,425,082	18,284	21
-	343,497	2,317	537	47,601	987	3,052	-	22
185	153,344	23,791	1,193	-	-	-	-	23
15,538	1,406	50,203	-	-	-	176	-	24
7,389	3,130	290,484	-	-	-	3,869	-	25
23,112	501,377	366,795	1,730	47,601	987	7,097	-	26
14,369	399,009	314,202	55,360	48,941	72,784	86,307	2,091	27
3,517	35,237	361,893	-	3,169	9,401	19,895	1,039	28
242,655	4,915,550	4,318,253	511,030	292,286	449,929	1,538,381	21,414	29

.. Figures not appropriate or not applicable.  
Revised figures.

TABLE 3. Supply of Electric Energy  
January - December 1964

Month	Total net generation	Imports from United States	Exports to United States	Net energy used in Canada	Secondary energy used in Canada	Firm energy used in Canada	Daily average, total net generation
thousand kwh.							
January .....	11,674,881	181,965	406,713	11,450,133	250,727	11,199,406	376,609
February .....	10,856,487	206,294	342,852	10,719,929	235,561	10,484,368	374,362
March .....	11,355,941	207,822	333,486	11,230,277	231,591	10,998,686	366,321
April .....	10,839,225	182,453	343,625	10,678,053	216,875	10,461,178	361,308
May .....	10,732,071	244,896	336,816	10,640,151	254,321	10,385,830	346,196
June .....	10,451,625	268,675	265,943	10,454,357	299,248	10,155,109	348,388
July .....	10,631,708	279,464	337,604	10,573,568	360,561	10,213,007	342,958
August .....	10,705,834	303,559	368,296	10,641,097	328,357	10,312,740	345,349
September .....	10,846,580	263,780	366,785	10,743,575	317,770	10,425,805	361,563
October .....	11,782,483	318,318	408,645	11,692,156	392,761	11,299,395	380,080
November .....	11,872,481	250,091	372,195	11,750,377	349,470 <sup>†</sup>	11,400,907 <sup>†</sup>	395,749
December .....	12,544,182	268,293	301,821	12,510,654	272,644	12,238,010	404,651
Year .....							

<sup>†</sup> Revised figures.

TABLE 4. Sales of Electric Energy to Ultimate Customers  
January - November 1964

Month	Domestic	Farm(1)	General service (commercial)	Firm power	Secondary power	Total power	Street lighting	Total sales to ultimate customers
thousand kwh.								
January .....	2,424,569	83,464	950,408	6,248,428 <sup>†</sup>	250,727	6,499,155 <sup>†</sup>	78,985	10,036,581 <sup>†</sup>
February .....	2,312,091	92,606	934,538	6,035,298	235,561	6,270,859	71,711	9,681,805
March .....	2,203,444	91,134	938,812	6,473,577 <sup>†</sup>	231,591	6,705,168	70,581	10,009,139
April .....	2,096,791	86,459 <sup>†</sup>	933,752 <sup>†</sup>	6,302,788 <sup>†</sup>	216,875	6,519,663 <sup>†</sup>	64,935	9,701,600
May .....	1,974,884	82,304	882,680	6,504,601	254,321	6,758,922	60,833	9,759,623
June .....	1,768,366	76,456	875,034	6,369,818	299,248	6,669,066	58,509	9,447,431
July .....	1,726,280	70,858	866,599	6,495,721	360,561	6,856,282	61,167	9,581,186
August .....	1,590,229	69,290	870,701	6,554,821	328,357	6,883,178	64,006	9,477,404
September .....	1,689,896	68,877	883,038	6,576,387	317,770	6,894,157	69,184	9,605,152
October .....	1,962,156	69,707	927,122	6,897,230	392,761	7,289,991	73,825	10,322,801
November .....	2,004,863	75,962	975,303	6,789,811	349,470	7,139,281	78,612	10,274,021
Year .....								

(1) Many utilities cannot distinguish between domestic and farm, as they do not keep separate records.

TABLE 5. Net Generation, 1960-65

CANADA							
Year and month	Utilities			Industry			Grand total
	Hydro	Thermal	Total	Hydro	Thermal	Total	
	thousand kwh.						
1960 .....	83,024,886	5,957,979	88,982,865	22,743,499	2,313,010	25,056,509	114,039,375
1961 .....	82,014,614	7,049,079	89,063,693	21,660,132	2,497,588	24,157,720	113,221,413
1962 .....	80,861,406	10,781,660	91,643,066	22,789,817	2,770,288	25,560,105	117,003,171
1963 .....	80,214,421	15,428,726	95,643,147	23,102,958	2,811,630	25,914,588	121,557,735
1964 .....	84,888,835	17,588,035	102,476,870	28,336,790	3,478,537	31,815,327	134,292,197
1965 - January ....	7,363,285	2,419,780	9,783,065	2,509,096	319,288	2,828,384	12,611,449
February ....							
March .....							
April .....							
May .....							
June .....							
July .....							
August .....							
September ..							
October ....							
November ...							
December ...							

<sup>†</sup> Revised figures.

CATALOGUE No.

57-001

MONTHLY

# DOMINION BUREAU OF STATISTICS

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## ELECTRIC POWER STATISTICS

FEBRUARY 1965

Table 1 of this report contains preliminary statistics on energy generation, imports, exports and secondary for the month of February 1965. These preliminary statistics indicate that total net generation increased 5.7 per cent to 11,473,087 thousand kwh. in February 1965 from 10,856,487 thousand kwh. generated one year ago.

Imports increased to 269,358 thousand kwh. from 206,294 thousand kwh. and exports decreased to 278,340, thousand kwh. from 342,852 thousand kwh. in February 1964.

Table 2 shows detailed data concerning the amount of energy made available and the disposition of this energy for the month of December 1964. These figures include a breakdown of sales by rate categories for large utilities and industries while distribution by smaller utilities and industries is included in "distribution by non-respondents" (item 28). Distribution by non-respondents is the energy which is delivered by companies which report in this survey to companies which do not report. Consumption of own generation by industrial establishments is included in power sales. Comparable December 1963 data is shown for all categories where it is available.

Tables 3, 4 and 5 give final data for the months of January to December 1964 and preliminary data for other months. In table 3 the secondary energy includes both that used in electric boilers and that used for other purposes. In December, of the 283,141 thousand kwh. of secondary energy 224,340 thousand kwh. were used in electric boilers and 58,801 thousand kwh. were used for other purposes.

The total generation for the twelve-month period ending February 28, 1965 amounted to 135,-845,365 thousand kwh. compared to 135,228,765 thousand kwh. for the period ending in January.

Monthly electric power statistics are designed to provide current information on the production and consumption of electric energy in Canada. In order to expedite the collection and compilation of returns, the series is confined to firms which generate a minimum of 10 million kwh. per annum and to large distributors of electric energy. These firms accounted for 99.6 per cent of total production in 1962.

In the electric power series, net generation is defined as total generation less the amount used in station.

Industry Division

April 1965  
511-513



TABLE 1. Preliminary Electric Energy Statistics  
February 1965

No.		Canada 1964	Canada	Newfoundland	Prince Edward Island	Nova Scotia
				thousand kwh.		
1	Net generation - Hydro .....	9,061,066	9,080,780	202,660	-	57,385
2	Thermal .....	1,795,421	2,392,307	12,013	10,220	161,108
3	Total net generation .....	10,856,487	11,473,087	214,673	10,220	218,493
	Energy imported:					
4	From other provinces .....	...	...	-	-	57
5	From United States .....	206,294	269,358	-	-	-
6	Totals .....	206,294	269,358	-	-	57
	Energy exported:					
7	To other provinces - Firm .....	...	...	7,635	-	8
8	Secondary .....	...	...	-	-	21,957
9	To United States - Firm .....	70,122	63,219	-	-	-
10	Secondary .....	272,730	215,121	-	-	-
11	Totals .....	342,852	278,340	7,635	-	21,965
12	Net energy used in Canada .....	10,719,929	11,464,105	207,038	10,220	196,585
13	Secondary energy used in Canada(1) .....	235,561	279,637	190	-	-
14	Firm energy used in Canada .....	10,484,368	11,184,468	206,848	10,220	196,585

(1) Secondary energy for use in other than electric boilers amounted to 930 thousand kwh. in New Brunswick, 34,745 thousand kwh. in Quebec and 16,145 thousand kwh. in Ontario.

TABLE 2. Supply and Demand of Electric Energy  
December 1964

No.		Canada 1963	Canada	Newfoundland	Prince Edward Island	Nova Scotia
				thousand kwh.		
	<u>Supply of electric energy</u>					
	Net generation:					
1	Utilities - Hydro .....	7,598,456	7,494,902	177,411	-	66,360
2	Thermal .....	1,582,339	2,263,272 <sup>r</sup>	7,456	12,676	129,954
3	Totals .....	9,180,795	9,758,174 <sup>r</sup>	184,867	12,676	196,314
4	Industry - Hydro .....	1,987,193 <sup>r</sup>	2,481,074	32,089	-	3,182
5	Thermal .....	241,665	303,633	4,088	-	21,764
6	Totals .....	2,228,858	2,784,707	36,177	-	24,946
7	Grand total - Hydro .....	9,585,649	9,975,976	209,500	-	69,542
8	Thermal .....	1,824,004	2,566,905 <sup>r</sup>	11,544	12,676	151,718
9	Total net generation .....	11,409,653	12,542,881 <sup>r</sup>	221,044	12,676	221,260
	Energy imported:					
10	From other provinces .....	...	...	-	-	4,826
11	From United States .....	224,516	268,293	-	-	-
12	Totals .....	224,516	268,293	-	-	4,826
13	Total supply of electric energy .....	11,634,169	12,811,174	221,044	12,676	226,086
	<u>Demand for electric energy</u>					
	Sales:					
14	Domestic .....	..	2,180,591	19,985	4,414	48,309
15	Farm(1) .....	..	78,120	-	-	-
16	General service (commercial) .....	..	1,044,711	7,568	5,311	29,765
17	Power - Firm .....	..	6,801,786	169,954	-	75,452
18	Secondary .....	..	283,141 <sup>r</sup>	906	-	-
19	Total power .....	..	7,084,927	170,860	-	75,452
20	Street lighting .....	..	82,810	790	157	1,028
21	Total sales .....	..	10,471,159	199,203	9,882	154,554
	Energy exported:					
22	To other provinces - Firm .....	...	...	8,898	-	376
23	Secondary .....	...	...	-	-	9,732
24	To United States - Firm .....	74,359	66,305	-	-	-
25	Secondary .....	249,187	235,516	-	-	-
26	Total energy exported .....	323,546	301,821	8,898	-	10,108
27	Unallocated energy(2) .....	..	1,530,099	12,943	2,553	46,538
28	Distribution by non-respondents .....	..	508,095	-	241	14,884
29	Total demand for electric energy .....	..	12,811,174	221,044	12,676	226,086

(1) Many utilities cannot distinguish between domestic and farm, as they do not keep separate records.  
(2) Includes losses, unaccounted for, and cyclical billing adjustment.

TABLE 1. Preliminary Electric Energy Statistics  
February 1965

New Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Yukon and N.W.T.	No.
thousand kwh.								
56,056	4,407,434	2,500,495	423,579	86,776	72,299	1,255,362	18,734	1
163,506	37,081	1,192,740	41,814	222,089	389,370	159,748	2,618	2
219,562	4,444,515	3,693,235	465,393	308,865	461,669	1,415,110	21,352	3
24,237	11,476	346,894	81,753	10,712	2,301	2,696	-	4
93	76	214,419	-	-	-	54,770	-	5
24,330	11,552	561,313	81,753	10,712	2,301	57,466	-	6
-	331,825	2,701	640	46,539	2,696	2,301	-	7
57	17,320	35,990	10,093	364	-	-	-	8
13,154	1,262	48,641	-	-	-	162	-	9
3,532	5,089	204,207	-	-	-	2,293	-	10
16,743	355,496	291,539	10,733	46,903	2,696	4,756	-	11
227,149	4,100,571	3,963,009	536,413	272,674	461,274	1,467,820	21,352	12
930	182,902	50,532	7,143	1,155	-	30,803	5,982	13
226,219	3,917,669	3,912,477	529,270	271,519	461,274	1,437,017	15,370	14

TABLE 2. Supply and Demand of Electric Energy  
December 1964

New Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Yukon and N.W.T.	No.
thousand kwh.								
97,357	3,294,320	2,464,075	457,592	81,557	109,639	729,163	17,428	1
89,915	49,889	1,213,860	45,939 <sup>r</sup>	248,926	383,360	77,639 <sup>r</sup>	3,658 <sup>r</sup>	2
187,272	3,344,209	3,677,935	503,531 <sup>r</sup>	330,483	492,999	806,802 <sup>r</sup>	21,086 <sup>r</sup>	3
4,192	1,558,839	142,473	5,889	6,778	-	723,991	3,641	4
48,663	32,426	81,096	2,380	251	34,779	78,186	-	5
52,855	1,591,265	223,569	8,269	7,029	34,779	802,177	3,641	6
101,549	4,853,159	2,606,548	463,481	88,335	109,639	1,453,154	21,069	7
138,578	82,315	1,294,956	48,319 <sup>r</sup>	249,177	418,139	155,825 <sup>r</sup>	3,658 <sup>r</sup>	8
240,127	4,935,474	3,901,504	511,800 <sup>r</sup>	337,512	527,778	1,608,979 <sup>r</sup>	24,727 <sup>r</sup>	9
12,562	13,385	394,980	86,220	10,591	6,260	1,903	-	10
71	73	265,872	-	-	-	2,277	-	11
12,633	13,458	660,852	86,220	10,591	6,260	4,180	-	12
252,760	4,948,932	4,562,356	598,020	348,103	534,038	1,613,159	24,727	13
39,608	633,964	840,567	149,582	68,169	99,729	274,929	1,335	14
-	-	-	27,595	24,966	25,559	-	-	15
25,034	222,775	398,620	68,836	41,837	72,448	170,512	2,005	16
134,486	2,906,374	2,033,646	230,838	78,744	189,320	971,433	11,539	17
824	178,530 <sup>r</sup>	46,352 <sup>r</sup>	10,847 <sup>r</sup>	1,617	330 <sup>r</sup>	36,718	7,017 <sup>r</sup>	18
135,310	3,084,904	2,079,998	241,685	80,361	189,650	1,008,151	18,556	19
1,501	20,743	27,862	7,155	3,002	10,817	9,679	76	20
201,453	3,962,386	3,347,047	494,853	218,335	398,203	1,463,271	21,972	21
-	375,759	2,911	587	51,078	1,903	6,260	-	22
4,826	21,626	36,718	10,053	-	-	-	-	23
16,612	1,569	47,918	-	-	-	206	-	24
5,204	4,562	222,287	-	-	-	3,463	-	25
26,642	403,516	309,834	10,640	51,078	1,903	9,929	-	26
22,075	541,160	496,075	92,527	74,773	122,789	117,053	1,613	27
2,590	41,870	409,400	-	3,917	11,143	22,906	1,142	28
252,760	4,948,932	4,562,356	598,020	348,103	534,038	1,613,159	24,727	29

Figures not appropriate or not applicable.  
Revised figures.

TABLE 3. Supply of Electric Energy

January - December 1964

Month	Total net generation	Imports from United States	Exports to United States	Net energy used in Canada	Secondary energy used in Canada	Firm energy used in Canada	Daily average, total net generation
thousand kwh.							
January .....	11,674,881	181,965	406,713	11,450,133	250,727	11,199,406	376,609
February .....	10,856,487	206,294	342,852	10,719,929	235,561	10,484,368	374,362
March .....	11,355,941	207,822	333,486	11,230,277	231,591	10,998,686	366,321
April .....	10,839,225	182,453	343,625	10,678,053	216,875	10,461,178	361,308
May .....	10,732,071	244,896	336,816	10,640,151	254,321	10,385,830	346,196
June .....	10,491,625	268,675	265,943	10,454,357	299,248	10,155,109	348,388
July .....	10,631,708	279,464	337,604	10,573,568	360,561	10,213,007	342,958
August .....	10,705,834	303,559	368,296	10,641,097	328,357	10,312,740	345,349
September .....	10,846,580	263,780	366,785	10,743,575	317,770	10,425,805	361,553
October .....	11,782,483	318,318	408,645	11,692,156	392,761	11,299,395	380,080
November .....	11,872,481	250,091	372,195	11,750,377	349,470	11,400,907	395,749
December .....	12,542,881 <sup>r</sup>	268,293	301,821	12,509,353	283,141 <sup>r</sup>	12,226,212 <sup>r</sup>	404,609 <sup>r</sup>
Year .....	134,292,197	2,975,610	4,184,781	133,083,026	3,520,383	129,562,643	366,919

<sup>r</sup> Revised figures.

TABLE 4. Sales of Electric Energy to Ultimate Customers

January - December 1964

Month	Domestic	Farm(1)	General service (commercial)	Firm power	Secondary power	Total power	Street lighting	Total sales to ultimate customers
thousand kwh.								
January .....	2,424,569	83,464	950,408	6,248,428	250,727	6,499,155	78,985	10,036,581
February .....	2,312,091	92,606	934,538	6,035,298	235,561	6,270,859	71,711	9,681,805
March .....	2,203,444	91,134	938,812	6,473,577	231,591	6,705,168	70,581	10,009,139
April .....	2,096,791	86,459	933,752	6,302,788	216,875	6,519,663	64,935	9,701,600
May .....	1,974,884	82,304	882,680	6,504,601	254,321	6,758,922	60,833	9,759,623
June .....	1,768,366	76,456	875,034	6,369,818	299,248	6,669,066	58,509	9,447,431
July .....	1,726,280	70,858	866,599	6,495,721	360,561	6,856,282	61,167	9,581,186
August .....	1,590,229	69,290	870,701	6,554,821	328,357	6,883,178	64,006	9,477,404
September .....	1,689,896	68,877	883,038	6,576,387	317,770	6,894,157	69,184	9,605,152
October .....	1,962,156	69,707	927,122	6,897,230	392,761	7,289,991	73,825	10,322,801
November .....	2,004,863	75,962	975,303	6,789,811	349,470	7,139,281	78,612	10,274,021
December .....	2,180,591	78,120	1,044,711	6,801,786	283,141 <sup>r</sup>	7,084,927	82,810	10,471,159
Year .....	23,934,160	945,237	11,082,698	78,050,266	3,520,383	81,570,649	835,158	118,367,902

(1) Many utilities cannot distinguish between domestic and farm, as they do not keep separate records.

TABLE 5. Net Generation, 1960-65

CANADA

Year and month	Utilities			Industry			Grand total
	Hydro	Thermal	Total	Hydro	Thermal	Total	
	thousand kwh.						
1960 .....	83,024,886	5,957,979	88,982,865	22,743,499	2,313,010	25,056,509	114,039,375
1961 .....	82,014,614	7,049,079	89,063,693	21,660,132	2,497,588	24,157,720	113,221,413
1962 .....	80,861,406	10,781,660	91,643,066	22,789,817	2,570,288	25,360,105	117,003,171
1963 .....	80,214,421	15,428,726	95,643,147	23,102,958	2,811,630	25,914,588	121,557,735
1964 .....	84,888,835	17,588,035	102,476,870	28,336,790	3,478,537	31,815,327	134,292,197
1965 - January ....	7,363,285	2,419,780	9,783,065	2,509,096	319,288	2,828,384	12,611,449
February ....	6,826,788	2,089,976	8,916,764	2,253,992	302,331	2,556,323	11,473,087
March .....							
April .....							
May .....							
June .....							
July .....							
August .....							
September ..							
October ....							
November ....							
December ...							

<sup>r</sup> Revised figures.



CATALOGUE No.

57-001

MONTHLY

# DOMINION BUREAU OF STATISTICS

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## ELECTRIC POWER STATISTICS

MARCH 1965

Table 1 of this report contains preliminary statistics on energy generation, imports, exports and secondary for the month of March 1965. These preliminary statistics indicate that total net generation increased 9.2 per cent to 12,402,753 thousand kwh. in March 1965 from 11,355,941 thousand kwh. generated one year ago.

Imports increased to 297,298 thousand kwh. from 207,822 thousand kwh. and exports decreased to 92,847 thousand kwh. from 333,486 thousand kwh. in March 1964.

Table 2 shows detailed data concerning the amount of energy made available and the disposition of this energy for the month of January 1965. These figures include a breakdown of sales by rate categories for large utilities and industries while distribution by smaller utilities and industries is included in "distribution by non-respondents" (item 28). Distribution by non-respondents is the energy which is delivered by companies which report in this survey to companies which do not report. Consumption of own generation by industrial establishments is included in power sales. Comparable January 1964 data is shown for all categories.

Tables 3, 4 and 5 give final data for the month of January 1965 and preliminary data for other months. In table 3 the secondary energy includes both that used in electric boilers and that used for other purposes. In January, of the 318,719 thousand kwh. of secondary energy 261,107 thousand kwh. were used in electric boilers and 57,612 thousand kwh. were used for other purposes.

The total generation for the twelve-month period ending March 31, 1965 amounted to 136,889,197 thousand kwh. compared to 135,842,385 thousand kwh. for the period ending in February.

Monthly electric power statistics are designed to provide current information on the production and consumption of electric energy in Canada. In order to expedite the collection and compilation of returns, the series is confined to firms which generate a minimum of 10 million kwh. per annum and to large distributors of electric energy. These firms accounted for 99.6 per cent of total production in 1962.

In the electric power series, net generation is defined as total generation less the amount used in station.

Industry Division

7 1965  
1-513

TABLE 1. Preliminary Electric Energy Statistics

March 1965

No.		Canada 1964	Canada	Newfoundland	Prince Edward Island	Nova Scotia
				thousand kwh.		
1	Net generation - Hydro .....	9,696,543	10,000,429	233,554	-	67,330
2	Thermal .....	1,659,398	2,402,324	9,925	11,448	167,687
3	Total net generation .....	11,355,941	12,402,753	243,479	11,448	235,017
	Energy imported:					
4	From other provinces .....	...	...	-	-	17
5	From United States .....	207,822	297,298	-	-	-
6	Totals .....	207,822	297,298	-	-	17
	Energy exported:					
7	To other provinces - Firm .....	...	...	8,097	-	-
8	Secondary .....	...	...	-	-	22,616
9	To United States - Firm .....	76,063	69,456	-	-	-
10	Secondary .....	257,423	223,391	-	-	-
11	Totals .....	333,486	292,847	8,097	-	22,616
12	Net energy used in Canada .....	11,230,277	12,407,204	235,382	11,448	212,418
13	Secondary energy used in Canada(1) .....	231,591	313,325	210	-	-
14	Firm energy used in Canada .....	10,998,686	12,093,879	235,172	11,448	212,418

(1) Secondary energy for use in other than electric boilers amounted to 877 thousand kwh. in New Brunswick, 43,701 thousand kwh. in Quebec, 17,732 thousand kwh. in Ontario and 495 thousand kwh. in Yukon and N.W.T.

TABLE 2. Supply and Demand of Electric Energy

January 1965

No.		Canada 1964	Canada	Newfoundland	Prince Edward Island	Nova Scotia
				thousand kwh.		
	<u>Supply of electric energy</u>					
	Net generation:					
1	Utilities - Hydro .....	7,431,032	7,361,809 <sup>F</sup>	181,014	-	66,450
2	Thermal .....	1,738,748	2,419,767 <sup>F</sup>	7,630	12,378	133,862
3	Totals .....	9,169,780	9,781,576 <sup>F</sup>	188,644	12,378	200,312
4	Industry - Hydro .....	2,224,468	2,509,096	31,877	-	3,340
5	Thermal .....	280,633	317,797 <sup>F</sup>	5,960	-	23,181
6	Totals .....	2,505,101	2,826,893 <sup>F</sup>	37,837	-	26,521
7	Grand total - Hydro .....	9,655,500	9,870,905 <sup>F</sup>	212,891	-	69,790
8	Thermal .....	2,019,381	2,737,564 <sup>F</sup>	13,590	12,378	157,043
9	Total net generation .....	11,674,881	12,608,469 <sup>F</sup>	226,481	12,378	226,833
	Energy imported:					
10	From other provinces .....	...	...	-	-	4,361
11	From United States .....	181,965	282,875	-	-	-
12	Totals .....	181,965	282,875	-	-	4,361
13	Total supply of electric energy .....	11,856,846	12,891,344	226,481	12,378	231,194
	<u>Demand for electric energy</u>					
	Sales:					
14	Domestic .....	2,424,569	2,576,617	25,337	5,370	62,311
15	Farm(1) .....	83,464	98,686	-	-	-
16	General service (commercial) .....	950,408	1,118,380	8,765	5,480	44,972
17	Power - Firm .....	6,248,428 <sup>F</sup>	6,883,801	177,304	-	85,888
18	Secondary .....	250,727	318,719 <sup>F</sup>	118	-	-
19	Total power .....	6,499,155 <sup>F</sup>	7,202,520	177,422	-	85,888
20	Street lighting .....	78,985	84,894	778	147	2,571
21	Total sales .....	10,036,581 <sup>F</sup>	11,081,097	212,302	10,997	195,742
	Energy exported:					
22	To other provinces - Firm .....	...	...	7,688	-	88
23	Secondary .....	...	...	-	-	10,923
24	To United States - Firm .....	73,708	66,250	-	-	-
25	Secondary .....	333,005	238,332	-	-	-
26	Total energy exported .....	406,713	304,582	7,688	-	11,011
27	Unallocated energy(2) .....	968,116 <sup>F</sup>	987,803	6,491	1,175	9,351
28	Distribution by non-respondents .....	445,436	517,862	-	206	15,090
29	Total demand for electric energy .....	11,856,846	12,891,344	226,481	12,378	231,194

(1) Many utilities cannot distinguish between domestic and farm, as they do not keep separate records.  
 (2) Includes losses, unaccounted for, and cyclical billing adjustment.

TABLE 1. Preliminary Electric Energy Statistics

March 1965

New Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Yukon and N.W.T.	No.
thousand kwh.								
76,674	4,797,089	2,837,265	471,786	98,754	56,402	1,342,470	19,105	1
165,097	38,541	1,130,857	29,448	218,627	429,135	198,085	3,474	2
241,771	4,835,630	3,968,122	501,234	317,381	485,537	1,540,555	22,579	3
24,970	18,358	397,353	78,569	15,213	1,914	3,008	-	4
79	76	233,456	-	-	-	63,687	-	5
25,049	18,434	630,809	78,569	15,213	1,914	66,695	-	6
-	381,099	2,732	581	50,329	3,008	1,914	-	7
17	18,485	35,459	14,755	310	-	-	-	8
15,899	1,237	52,135	-	-	-	185	-	9
3,285	4,088	214,760	-	-	-	1,258	-	10
19,201	404,909	305,086	15,336	50,639	3,008	3,357	-	11
247,619	4,449,155	4,293,845	564,467	281,955	484,443	1,603,893	22,579	12
877	199,781	58,911	13,644	696	-	32,948	6,258	13
246,742	4,249,374	4,234,934	550,823	281,259	484,443	1,570,945	16,321	14

TABLE 2. Supply and Demand of Electric Energy

January 1965

New Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Yukon and N.W.T.	No.
thousand kwh.								
95,954	3,179,699 <sup>r</sup>	2,525,551 <sup>r</sup>	468,340	91,693	91,680	644,366	17,062	1
98,908	66,135	1,267,991 <sup>r</sup>	46,415	240,226	396,148	145,744	4,330	2
194,862	3,245,834 <sup>r</sup>	3,793,542 <sup>r</sup>	514,755	331,919	487,828	790,110	21,392	3
5,897	1,606,408	134,483	-	6,754	-	716,729	3,608	4
49,909	29,376	82,954 <sup>r</sup>	1,860	5,651	29,837 <sup>r</sup>	89,069	-	5
55,806	1,635,784	217,437 <sup>r</sup>	1,860	12,405	29,837 <sup>r</sup>	805,798	3,608	6
101,851	4,786,107 <sup>r</sup>	2,660,034 <sup>r</sup>	468,340	98,447	91,680	1,361,095	20,670	7
148,817	95,511	1,350,945 <sup>r</sup>	48,275	245,877	425,985 <sup>r</sup>	234,813	4,330	8
250,668	4,881,618 <sup>r</sup>	4,010,979 <sup>r</sup>	516,615	344,324	517,665 <sup>r</sup>	1,595,908	25,000	9
13,670	12,251	388,735 <sup>r</sup>	90,913	12,472	2,049	3,125	-	10
104	89	251,826	-	-	-	30,856	-	11
13,774	12,340	640,561 <sup>r</sup>	90,913	12,472	2,049	33,981	-	12
264,442	4,893,958	4,651,540	607,528	356,796	519,714	1,629,889	25,000	13
47,616	725,460	1,024,244	174,933	83,879	126,517	299,351	1,599	14
-	-	-	36,808	29,253	32,625	-	-	15
26,631	244,407	422,939	74,466	46,709	82,680	159,498	1,833	16
143,407	2,896,914	2,054,180	230,318	89,339	200,718	996,622	9,111	17
1,239 <sup>r</sup>	204,855 <sup>r</sup>	59,425 <sup>r</sup>	8,626 <sup>r</sup>	1,524	336 <sup>r</sup>	35,660	6,936 <sup>r</sup>	18
144,646	3,101,769	2,113,605	238,944	90,863	201,054	1,032,282	16,047	19
1,565	21,441	27,336	7,495	3,011	10,458	9,979	113	20
220,458	4,093,077	3,588,124	532,646	253,715	453,334	1,501,110	19,592	21
-	357,346 <sup>r</sup>	3,162	755	50,737	3,125	2,049	-	22
4,361	34,040	41,180	11,725	397	-	-	-	23
16,028	1,343	48,681	-	-	-	198	-	24
5,394	5,778	223,982	-	-	-	3,178	-	25
25,783	398,507	317,005	12,480	51,134	3,125	5,425	-	26
15,689	351,972	334,528	62,402	48,122	52,653	101,270	4,150	27
2,512	50,402	411,883	-	3,825	10,602	22,084	1,258	28
264,442	4,893,958	4,651,540	607,528	356,796	519,714	1,629,889	25,000	29

. Figures not appropriate or not applicable.



TABLE 3. Supply of Electric Energy

January - March 1965

Month	Total net generation	Imports from United States	Exports to United States	Net energy used in Canada	Secondary energy used in Canada	Firm energy used in Canada	Daily average, total net generation
thousand kwh.							
January .....	11,608,466 <sup>r</sup>	281,875	304,582	12,586,762 <sup>r</sup>	318,719 <sup>r</sup>	12,268,043 <sup>r</sup>	406,725 <sup>r</sup>
February .....	11,473,087	269,358	278,340	11,464,105	279,637	11,184,468	409,753
March .....	12,402,753	297,298	292,847	12,407,204	313,325	12,093,879	400,087
April .....							
May .....							
June .....							
July .....							
August .....							
September .....							
October .....							
November .....							
December .....							
Year .....							

<sup>r</sup> Revised figures.

TABLE 4. Sales of Electric Energy to Ultimate Customers

January 1965

Year and month	Domestic	Farm(1)	General service (commercial)	Firm power	Secondary power	Total power	Street lighting	Total sales to ultimate customers
thousand kwh.								
1964 .....	23,934,160	945,237	11,082,698	78,050,266	3,520,383	81,570,649	835,158	118,367,902
1965 - January ....	2,576,617	98,686	1,118,380	6,883,801	318,719 <sup>r</sup>	7,202,520	84,894	11,081,097
February ....								
March .....								
April .....								
May .....								
June .....								
July .....								
August .....								
September ..								
October ....								
November ...								
December ...								
Year .....								

(1) Many utilities cannot distinguish between domestic and farm, as they do not keep separate records.

TABLE 5. Net Generation, 1961-65

CANADA

Year and month	Utilities			Industry			Grand total
	Hydro	Thermal	Total	Hydro	Thermal	Total	
thousand kwh.							
1961 .....	82,014,614	7,049,079	89,063,693	21,660,132	2,497,588	24,157,720	113,221,413
1962 .....	81,881,400	10,781,668	92,663,068	22,789,817	2,570,288	25,360,105	117,003,171
1963 .....	80,116,481	15,426,726	95,543,207	23,944,755 <sup>r</sup>	2,511,559 <sup>r</sup>	26,456,314 <sup>r</sup>	121,999,521 <sup>r</sup>
1964 .....	86,888,845	17,588,155	104,476,999	28,336,799	3,478,537	31,815,336	136,292,335
1965 .....							
1965 - January ....	7,361,809 <sup>r</sup>	2,419,767 <sup>r</sup>	9,781,576 <sup>r</sup>	2,509,096	317,797 <sup>r</sup>	2,826,893 <sup>r</sup>	12,608,469 <sup>r</sup>
February .....	7,826,785	2,088,915	9,915,700	2,253,992	302,331	2,556,323	11,473,087
March .....	7,810,791	2,037,817	9,848,608	2,484,637	344,467	2,829,104	12,677,712
April .....							
May .....							
June .....							
July .....							
August .....							
September ..							
October ....							
November ...							
December ...							

<sup>r</sup> Revised figures.

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## ELECTRIC POWER STATISTICS

APRIL 1965

Table 1 of this report contains preliminary statistics on energy generation, imports, exports and secondary for the month of April 1965. These preliminary statistics indicate that total net generation increased 5.8 per cent to 11,463,066 thousand kwh. in April 1965 from 10,839,225 thousand kwh. generated one year ago.

Imports increased to 291,937 thousand kwh. from 182,453 thousand kwh. and exports decreased to 277,125 thousand kwh. from 343,625 thousand kwh. in April 1964.

Table 2 shows detailed data concerning the amount of energy made available and the disposition of this energy for the month of February 1965. These figures include a breakdown of sales by rate categories for large utilities and industries while distribution by smaller utilities and industries is included in "distribution by non-respondents" (item 28). Distribution by non-respondents is the energy which is delivered by companies which report in this survey to companies which do not report. Consumption of own generation by industrial establishments is included in power sales. Comparable February 1964 data is shown for all categories.

Tables 3, 4 and 5 give final data for the months of January and February 1965 and preliminary data for other months. In table 3 the secondary energy includes both that used in electric boilers and that used for other purposes. In February of the 274,512 thousand kwh. of secondary energy 221,001 thousand kwh. were used in electric boilers and 53,511 thousand kwh. were used for other purposes.

The total generation for the twelve-month period ending April 30, 1965 amounted to 137,524,227 thousand kwh. compared to 136,900,386<sup>1</sup> thousand kwh. for the period ending in March.

Monthly electric power statistics are designed to provide current information on the production and consumption of electric energy in Canada. In order to expedite the collection and compilation of returns, the series is confined to firms which generate a minimum of 10 million kwh. per annum and to large distributors of electric energy. These firms accounted for 99.6 per cent of total production in 1962.

In the electric power series, net generation is defined as total generation less the amount used in station.

Industry Division

June 1965  
511-513

TABLE 1. Preliminary Electric Energy Statistics

April 1965

No.		Canada 1964	Canada	Newfoundland	Prince Edward Island	Nova Scotia
				thousand kwh.		
1	Net generation - Hydro .....	9,323,951	9,269,508	221,898	-	55,676
2	Thermal .....	1,515,274	2,193,558	8,738	10,414	142,948
3	Total net generation .....	10,839,225	11,463,066	230,636	10,414	198,624
	Energy imported:					
4	From other provinces .....	...	...	-	-	8,041
5	From United States .....	182,453	291,937	-	-	-
6	Totals .....	182,453	291,937	-	-	8,041
	Energy exported:					
7	To other provinces - Firm .....	...	...	5,507	-	-
8	Secondary .....	...	...	-	-	10,333
9	To United States - Firm .....	76,286	49,307	-	-	-
10	Secondary .....	267,339	227,818	-	-	-
11	Totals .....	343,625	277,125	5,507	-	10,333
12	Net energy used in Canada .....	10,678,053	11,477,878	225,129	10,414	196,332
13	Secondary energy used in Canada(1) .....	216,875	234,494	158	-	-
14	Firm energy used in Canada .....	10,461,178	11,243,384	224,971	10,414	196,332

(1) Secondary energy for use in other than electric boilers amounted to 949 thousand kwh. in New Brunswick, 45,679 thousand kwh. in Quebec, 67 thousand kwh. in Saskatchewan and 408 thousand kwh. in Yukon and N.W.T.

TABLE 2. Supply and Demand of Electric Energy

February 1965

No.		Canada 1964	Canada	Newfoundland	Prince Edward Island	Nova Scotia
				thousand kwh.		
	<u>Supply of electric energy</u>					
	Net generation:					
1	Utilities - Hydro .....	6,974,373	6,836,788 <sup>r</sup>	170,279	-	54,387
2	Thermal .....	1,511,183	2,091,165 <sup>r</sup>	6,755	10,868 <sup>r</sup>	141,912
3	Totals .....	8,485,556	8,927,953 <sup>r</sup>	177,034	10,868 <sup>r</sup>	196,299
4	Industry - Hydro .....	2,086,693	2,253,992	32,381	-	2,998
5	Thermal .....	284,238	302,331	5,258	-	19,196
6	Totals .....	2,370,931	2,556,323	37,639	-	22,194
7	Grand total - Hydro .....	9,061,066	9,090,780 <sup>r</sup>	202,660	-	57,385
8	Thermal .....	1,795,421	2,393,496 <sup>r</sup>	12,013	10,868 <sup>r</sup>	161,108
9	Total net generation .....	10,856,487	11,484,276 <sup>r</sup>	214,673	10,868 <sup>r</sup>	218,493
	Energy imported:					
10	From other provinces .....	...	...	-	-	57
11	From United States .....	206,294	269,358	-	-	-
12	Totals .....	206,294	269,358	-	-	57
13	Total supply of electric energy .....	11,062,781	11,753,634	214,673	10,868	218,550
	<u>Demand for electric energy</u>					
14	Sales:					
15	Domestic .....	2,312,091	2,533,835	21,649	4,717	58,547
16	Farm(1) .....	92,606	118,258	-	-	-
17	General service (commercial) .....	934,538	1,099,231	7,622	5,093	38,767
18	Power - Firm .....	6,035,298	6,532,153	169,702	158	74,196
19	Secondary .....	235,561	274,512 <sup>r</sup>	190	-	-
20	Total power .....	6,270,859	6,806,665	169,892	158	74,196
21	Street lighting .....	71,711	78,909	669	146	1,715
22	Total sales .....	9,681,805	10,636,898	199,832	10,114	173,225
	Energy exported:					
23	To other provinces - Firm .....	...	...	7,635	-	8
24	Secondary .....	...	...	-	-	21,957
25	To United States - Firm .....	70,122	63,219	-	-	-
26	Secondary .....	272,730	215,121	-	-	-
27	Total energy exported .....	342,852	278,340	7,635	-	21,965
28	Unallocated energy(2) .....	679,568	367,076	7,206	533	9,265
29	Distribution by non-respondents .....	358,556	471,320	-	221	14,095
30	Total demand for electric energy .....	11,062,781	11,753,634	214,673	10,868	218,550

(1) Many utilities cannot distinguish between domestic and farm, as they do not keep separate records.

(2) Includes losses, unaccounted for, and cyclical billing adjustment.



TABLE 1. Preliminary Electric Energy Statistics  
April 1965

New Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Yukon and N.W.T.	No.
thousand kwh.								
102,625	4,506,414	2,528,996	431,108	137,624	77,013	1,166,499	41,655	1
146,438	44,763	1,086,039	10,999	147,615	341,534	251,545	2,525	2
249,063	4,551,177	3,615,035	442,107	285,239	418,547	1,418,044	44,180	3
12,379	21,611	397,545	56,574	6,708	4,118	746	-	4
236	74	245,202	-	-	-	46,425	-	5
12,615	21,685	642,747	56,574	6,708	4,118	47,171	-	6
-	381,683	2,283	561	46,117	746	4,118	-	7
8,041	17,546	24,063	6,509	215	-	-	-	8
16,378	1,125	31,638	-	-	-	166	-	9
5,223	1,946	216,999	-	-	-	3,650	-	10
29,642	402,300	274,983	7,070	46,332	746	7,934	-	11
232,036	4,170,562	3,982,799	491,611	245,615	421,919	1,457,281	44,180	12
949	137,252	53,356	21,152	677	-	15,003	5,947	13
231,087	4,033,310	3,929,443	470,459	244,938	421,919	1,442,278	38,233	14

... Figures not appropriate or not applicable.

TABLE 2. Supply and Demand of Electric Energy  
February 1965

New Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Yukon and N.W.T.	No.
thousand kwh.								
53,073	2,966,319	2,386,681 <sup>r</sup>	423,579	80,771	72,299	613,874	15,526	1
118,266 <sup>r</sup>	8,549	1,112,425	40,024	216,328	361,340	71,489	3,209 <sup>r</sup>	2
171,339 <sup>r</sup>	2,974,868	3,499,106 <sup>r</sup>	463,603	297,099	433,639	685,363	18,735 <sup>r</sup>	3
2,983	1,441,115	123,814	-	6,005	-	641,488	3,208	4
45,190	28,532	80,315	1,790	5,761	28,030	88,259	-	5
48,173	1,469,647	204,129	1,790	11,766	28,030	729,747	3,208	6
56,056	4,407,434	2,510,495 <sup>r</sup>	423,579	86,776	72,299	1,255,362	18,734	7
163,456 <sup>r</sup>	37,081	1,192,740	41,814	222,089	389,370	159,748	3,209 <sup>r</sup>	8
219,512 <sup>r</sup>	4,444,515	3,703,235 <sup>r</sup>	465,393	308,865	461,669	1,415,110	21,943 <sup>r</sup>	9
24,237	11,476	346,894	81,754 <sup>r</sup>	10,712	2,301	2,696	-	10
93	76	214,419	-	-	-	54,770	-	11
24,330	11,552	561,313	81,754 <sup>r</sup>	10,712	2,301	57,466	-	12
243,842	4,456,067	4,264,548	547,147	319,577	463,970	1,472,576	21,943	13
43,346	804,844	1,004,964	163,902	73,322	111,633	245,023	1,888	14
-	-	-	43,154	39,440	35,664	-	-	15
24,840	246,564	418,017	74,581	44,563	75,944	160,108	3,132	16
146,116	2,673,505	2,010,882	220,258	86,970	185,297	954,592	10,477	17
1,018 <sup>r</sup>	183,093 <sup>r</sup>	55,828 <sup>r</sup>	7,440 <sup>r</sup>	1,155	302 <sup>r</sup>	19,254 <sup>r</sup>	6,232 <sup>r</sup>	18
147,134	2,856,598	2,066,710	227,698	88,125	185,599	973,846	16,709	19
1,541	21,688	27,206	5,723	2,849	8,664	8,648	60	20
216,861	3,929,694	3,516,897	515,058	248,299	417,504	1,387,625	21,789	21
-	331,825	2,701	640	46,540 <sup>r</sup>	2,696	2,301	-	22
57	17,320	35,990	10,093	364	-	-	-	23
13,154	1,262	48,641	-	-	-	162	-	24
3,532	5,089	204,207	-	-	-	2,293	-	25
16,743	355,496	291,539	10,733	46,904 <sup>r</sup>	2,696	4,756	-	26
7,884	123,139	82,012	21,356	21,013	34,259	61,391	- 982	27
2,354	47,738	374,100	-	3,361	9,511	18,804	1,136	28
243,842	4,456,067	4,264,548	547,147	319,577	463,970	1,472,576	21,943	29

... Figures not appropriate or not applicable.  
Revised figures.

TABLE 3. Supply of Electric Energy

January - April 1965

Month	Total net generation	Imports from United States	Exports to United States	Net energy used in Canada	Secondary energy used in Canada	Firm energy used in Canada	Daily average, total net generation
thousand kwh.							
January .....	12,608,469	282,875	304,582	12,586,762	305,220 <sup>r</sup>	12,281,542 <sup>r</sup>	406,725
February .....	11,484,276 <sup>r</sup>	269,358	278,340	11,475,294 <sup>r</sup>	274,512 <sup>r</sup>	11,200,782 <sup>r</sup>	410,153 <sup>r</sup>
March .....	12,402,753	297,298	292,847	12,407,204	313,325	12,093,879	400,087
April .....	11,463,066	291,937	277,125	11,477,878	234,494	11,243,384	382,102
May .....							
June .....							
July .....							
August .....							
September .....							
October .....							
November .....							
December .....							
Year .....							

<sup>r</sup> Revised figures.

TABLE 4. Sales of Electric Energy to Ultimate Customers

January - February 1965

Year and month	Domestic	Farm(1)	General service (commercial)	Firm power	Secondary power	Total power	Street lighting	Total sales to ultimate customers
thousand kwh.								
1964 .....	23,934,160	945,237	11,082,698	78,155,283 <sup>r</sup>	3,415,366 <sup>r</sup>	81,570,649	835,158	118,367,902
1965 - January ....	2,576,617	98,686	1,118,380	6,897,300 <sup>r</sup>	305,220 <sup>r</sup>	7,202,520	84,894	11,081,097
February ....	2,533,835	118,258	1,099,231	6,532,153	274,512 <sup>r</sup>	6,806,665	78,909	10,636,898
March .....								
April .....								
May .....								
June .....								
July .....								
August .....								
September ..								
October ....								
November ...								
December ...								
Year .....								

(1) Many utilities cannot distinguish between domestic and farm, as they do not keep separate records.

<sup>r</sup> Revised figures.

TABLE 5. Net Generation, 1961-65

CANADA

Year and month	Utilities			Industry			Grand total
	Hydro	Thermal	Total	Hydro	Thermal	Total	
thousand kwh.							
1961 .....	82,014,614	7,049,079	89,063,693	21,660,132	2,497,588	24,157,720	113,221,413
1962 .....	80,861,406	10,781,660	91,643,066	22,789,817	2,570,288	25,360,105	117,003,171
1963 .....	80,214,421	15,428,726	95,643,147	23,096,751	2,811,559	25,908,310	121,551,457
1964 .....	84,888,835	17,588,035	102,476,870	28,336,790	3,478,537	31,815,327	134,292,197
1965 - January ....	7,361,809	2,419,767	9,781,576	2,509,096	317,797	2,826,893	12,608,469
February ...	6,836,788 <sup>r</sup>	2,091,165 <sup>r</sup>	8,927,953 <sup>r</sup>	2,253,992	302,331	2,556,323	11,484,276 <sup>r</sup>
March .....	7,510,792	2,057,857	9,568,649	2,489,637	344,467	2,834,104	12,402,753
April .....	7,011,160	1,886,233	8,897,393	2,258,348	307,325	2,565,673	11,463,066
May .....							
June .....							
July .....							
August .....							
September ..							
October ....							
November ...							
December ...							

<sup>r</sup> Revised figures.

CATALOGUE No.

57-001

MONTHLY

# DOMINION BUREAU OF STATISTICS

(OTTAWA - CANADA)

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## ELECTRIC POWER STATISTICS

MAY 1965

Table 1 of this report contains preliminary statistics on energy generation, imports, exports and secondary for the month of May 1965. These preliminary statistics indicate that net generation increased 6.2 per cent to 11,396,173 thousand kwh. in May 1965 from 10,732,071 thousand kwh. generated one year ago.

Imports increased to 327,919 thousand kwh. from 244,896 thousand kwh. and exports decreased to 317,522 thousand kwh. from 336,816 thousand kwh. in May 1964.

Table 2 shows detailed data concerning the amount of energy made available and the disposition of this energy for the month of March 1965. These figures include a breakdown of sales by rate categories for large utilities and industries while distribution by smaller utilities and industries is included in "distribution by non-respondents" (item 28). Distribution by non-respondents is the energy which is delivered by companies which report in this survey to companies which do not report. Consumption of own generation by industrial establishments is included in power sales. Comparable March 1964 data is shown for all categories.

Tables 3, 4 and 5 give final data for the months January to March 1965 and preliminary data for other months. In table 3 the secondary energy includes both that used in electric boilers and that used for other purposes. In March, of the 307,407 thousand kwh. of secondary energy 243,740 thousand kwh. were used in electric boilers and 63,667 thousand kwh. were used for other purposes.

The total generation for the twelve-month period ending May 31, 1965 amounted to 138,206,384 thousand kwh. compared to 137,524,282<sup>r</sup> thousand kwh. for the period ending in April.

Monthly electric power statistics are designed to provide current information on the production and consumption of electric energy in Canada. In order to expedite the collection and compilation of returns, the series is confined to firms which generate a minimum of 10 million kwh. per annum and to large distributors of electric energy. These firms accounted for 99.6 per cent of total production in 1962.

In the electric power series, net generation is defined as total generation less the amount used in station.

Industry Division

uly 1965  
511-513



TABLE 1. Preliminary Electric Energy Statistics

May 1965

No.		Canada 1964	Canada	Newfoundland	Prince Edward Island	Nova Scotia
		thousand kwh.				
1	Net generation - Hydro .....	9,582,924	9,764,693	208,793	-	40,315
2	Thermal .....	1,149,147	1,631,480	15,094	9,994	153,640
3	Total net generation .....	10,732,071	11,396,173	223,887	9,994	193,955
4	Energy imported:					7,306
5	From other provinces .....	...	...	-	-	-
6	From United States .....	244,896	327,919	-	-	7,306
7	Totals .....	244,896	327,919	-	-	-
8	Energy exported:			4,796	-	-
9	To other provinces - Firm .....	...	...	-	-	2,032
10	Secondary .....	79,842	58,717	-	-	-
11	To United States - Firm .....	256,974	258,805	-	-	-
12	Secondary .....	336,816	317,522	4,796	-	2,032
13	Totals .....					
14	Net energy used in Canada .....	10,640,151	11,406,570	219,091	9,994	199,229
15	Secondary energy used in Canada(1) .....	254,321	225,565	224	-	-
16	Firm energy used in Canada .....	10,385,830	11,181,005	218,867	9,994	199,229

(1) Secondary energy for use in other than electric boilers amounted to 1,057 thousand kwh. in New Brunswick, 45,918 thousand kwh. in Quebec, 16,660 thousand kwh. in Ontario, 61 thousand kwh. in Saskatchewan and 347 thousand kwh. in Yukon and N.W.T.

TABLE 2. Supply and Demand of Electric Energy

March 1965

		March 1965				
No.		Canada 1964	Canada	Newfoundland	Prince Edward Island	Nova Scotia
				thousand kwh.		
<u>Supply of electric energy</u>						
	Net generation:					
1	Utilities - Hydro .....	7,469,733	7,510,792	197,572	-	64,758
2	Thermal .....	1,360,388	2,057,857	4,873	11,448	148,327
3	Totals .....	8,830,121	9,568,649	202,445	11,448	213,085
4	Industry - Hydro .....	2,226,810	2,489,692 <sup>r</sup>	35,982	-	2,572
5	Thermal .....	299,010	344,467	5,052	-	19,360
6	Totals .....	2,525,820	2,834,159 <sup>r</sup>	41,034	-	21,932
7	Grand total - Hydro .....	9,696,543	10,000,484 <sup>r</sup>	233,554	-	67,330
8	Thermal .....	1,659,398	2,402,324	9,925	11,448	167,687
9	Total net generation .....	11,355,941	12,402,808 <sup>r</sup>	243,479	11,448	235,017
	Energy imported:					
10	From other provinces .....	...	...	-	-	17
11	From United States .....	207,822	297,298	-	-	1
12	Totals .....	207,822	297,298	-	-	18
13	Total supply of electric energy .....	11,563,763	12,700,106	243,479	11,448	235,034
<u>Demand for electric energy</u>						
	Sales:					
14	Domestic .....	2,203,444	2,476,581	21,062	4,455	56,140
15	Farm(1) .....	91,134	113,448	-	-	-
16	General service (commercial) .....	938,812	1,070,165	7,416	4,522	38,674
17	Power - Firm .....	6,473,577	6,990,007 <sup>r</sup>	194,405	570	79,487
18	Secondary .....	231,591	307,407 <sup>r</sup>	210	-	-
19	Total power .....	6,705,168	7,297,414	194,615	570	79,487
20	Street lighting .....	70,581	77,223	667	142	1,788
21	Total sales .....	10,009,139	11,034,831	223,760	9,689	176,087
	Energy exported:					
22	To other provinces - Firm .....	...	...	8,097	-	-
23	Secondary .....	...	...	-	-	22,614
24	To United States - Firm .....	76,063	69,456	-	-	-
25	Secondary .....	257,423	223,391	-	-	-
26	Total energy exported .....	333,486	292,847	8,097	-	22,614
27	Unallocated energy(2) .....	803,160	877,176	11,622	1,573	21,844
28	Distribution by non-respondents .....	417,978	495,252	-	186	14,444
29	Total demand for electric energy .....	11,563,763	12,700,106	243,479	11,448	235,034

(1) Many utilities cannot distinguish between domestic and farm, as they do not keep separate records.  
 (2) Includes losses, unaccounted for, and cyclical billing adjustment.

TABLE 1. Preliminary Electric Energy Statistics

May 1965

New Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Yukon and N.W.T.	No.
thousand kwh.								
162,743	4,490,698	2,901,593	398,889	177,193	99,332	1,267,493	17,644	1
110,095	36,731	637,149	15,804	148,939	308,397	193,182	2,455	2
272,838	4,527,429	3,538,742	414,693	326,132	407,729	1,460,675	20,099	3
4,195	20,595	421,197	58,364	569	4,680	455	-	4
2,280	75	264,844	-	-	-	60,720	-	5
6,475	20,670	686,041	58,364	569	4,680	61,175	-	6
-	392,644	2,284	564	46,469	455	4,680	-	7
7,306	30,415	25,389	306	21	-	-	-	8
24,997	1,050	32,499	-	-	-	171	-	9
7,166	1,496	247,517	-	-	-	2,626	-	10
39,469	425,605	307,689	870	46,490	455	7,477	-	11
239,844	4,122,494	3,917,094	472,187	280,211	411,954	1,514,373	20,099	12
1,057	141,986	49,415	13,126	1,633	-	12,563	5,561	13
238,787	3,980,508	3,867,679	459,061	278,578	411,954	1,501,810	14,538	14

TABLE 2. Supply and Demand of Electric Energy

March 1965

New Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Yukon and N.W.T.	No.
thousand kwh.								
72,832	3,204,511	2,697,872	471,786	92,487	56,402	636,837	15,735	1
115,551	5,321	1,037,797	27,135	211,930	395,475	96,526	3,474	2
188,383	3,209,832	3,735,669	498,921	304,417	451,877	733,363	19,209	3
3,842	1,592,633 <sup>F</sup>	139,393	-	6,267	-	705,633	3,370	4
49,546	33,220	93,060	2,313	6,697	33,660	101,559	-	5
53,388	1,625,853 <sup>F</sup>	232,453	2,313	12,964	33,660	807,192	3,370	6
76,674	4,797,144 <sup>F</sup>	2,837,265	471,786	98,754	56,402	1,342,470	19,105	7
165,097	38,541	1,130,857	29,448	218,627	429,135	198,085	3,474	8
241,771	4,835,685 <sup>F</sup>	3,968,122	501,234	317,381	485,537	1,540,555	22,579	9
24,970	18,358	397,353	78,569	15,213	1,914	3,008	-	10
79	76	233,456	-	-	-	63,687	-	11
25,049	18,434	630,809	78,569	15,213	1,914	66,695	-	12
266,820	4,854,119	4,598,931	579,803	332,594	487,451	1,607,250	22,579	13
40,932	761,631	1,042,121	149,714	66,660	96,821	234,870	2,175	14
-	-	-	36,689	39,583	37,176	-	-	15
23,338	235,391	411,718	70,056	42,817	72,810	160,934	2,467	16
160,777	2,860,678	2,104,418	236,719	91,289	204,859	1,045,849	10,956	17
958 <sup>F</sup>	200,652 <sup>F</sup>	63,684 <sup>F</sup>	13,413 <sup>F</sup>	696	334 <sup>F</sup>	21,201 <sup>F</sup>	6,259 <sup>F</sup>	18
161,735	3,061,330	2,168,102	250,132	91,985	205,193	1,067,050	17,215	19
1,779	21,044	26,777	5,558	2,605	8,554	8,256	35	20
227,784	4,079,396	3,648,718	512,149	243,650	420,554	1,471,110	21,934	21
-	381,099	2,732	581	50,329	3,008	1,914	-	22
17	18,485	35,459	14,755	310	-	-	-	23
15,899	1,237	52,135	-	-	-	185	-	24
3,285	4,088	214,760	-	-	-	1,258	-	25
19,201	404,909	305,086	15,336	50,639	3,008	3,357	-	26
8,705	325,569	253,023	52,318	35,029	54,296	113,650	- 451	27
11,130	44,245	392,104	-	3,276	9,593	19,133	1,074	28
266,820	4,854,119	4,598,931	579,803	332,594	487,451	1,607,250	22,579	29

Figures not appropriate or not applicable.  
Revised figures.

TABLE 3. Supply of Electric Energy

January - May 1965

Month	Total net generation	Imports from United States	Exports to United States	Net energy used in Canada	Secondary energy used in Canada	Firm energy used in Canada	Daily average, total net generation
thousand kwh.							
January .....	12,608,469	282,875	304,582	12,586,762	305,220	12,281,542	406,725
February .....	11,484,276	269,358	278,340	11,475,294	274,512	11,200,782	410,153
March .....	12,402,808 <sup>r</sup>	297,298	292,847	12,407,259 <sup>r</sup>	307,407 <sup>r</sup>	12,099,852 <sup>r</sup>	400,091
April .....	11,463,066	291,937	277,125	11,477,878	234,494	11,243,384	382,102
May .....	11,396,173	327,919	317,522	11,406,570	225,565	11,181,005	367,618
June .....							
July .....							
August .....							
September .....							
October .....							
November .....							
December .....							
Year .....							

<sup>r</sup> Revised figures.

TABLE 4. Sales of Electric Energy to Ultimate Customers

January - March 1965

Year and month	Domestic	Farm(1)	General service (commercial)	Firm power	Secondary power	Total power	Street lighting	Total sales to ultimate customers
thousand kwh.								
1964 .....	23,934,160	945,237	11,082,698	78,155,283	3,415,366	81,570,649	835,158	118,367,902
1965 - January ....	2,576,617	98,686	1,118,380	6,897,300	305,220	7,202,520	84,894	11,081,097
February ...	2,533,835	118,258	1,099,231	6,532,153	274,512	6,806,665	78,909	10,636,898
March .....	2,476,581	113,448	1,070,165	6,990,007	307,407	7,297,414	77,223	11,034,831
April .....								
May .....								
June .....								
July .....								
August .....								
September ..								
October ....								
November ...								
December ...								
Year .....								

(1) Many utilities cannot distinguish between domestic and farm, as they do not keep separate records.

TABLE 5. Net Generation, 1961-65

CANADA

Year and month	Utilities			Industry			Grand total
	Hydro	Thermal	Total	Hydro	Thermal	Total	
thousand kwh.							
1961 .....	82,014,614	7,049,079	89,063,693	21,660,132	2,497,588	24,157,720	113,221,413
1962 .....	80,861,406	10,781,660	91,643,066	22,789,817	2,570,288	25,360,105	117,003,171
1963 .....	80,214,421	15,428,726	95,643,147	23,096,751	2,811,559	25,908,310	121,551,457
1964 .....	84,888,835	17,588,035	102,476,870	28,336,790	3,478,537	31,815,327	134,292,197
1965 .....							
1965 - January ....	7,361,809	2,419,767	9,781,576	2,509,096	317,797	2,826,893	12,608,466
February ...	6,836,788	2,091,165	8,927,953	2,253,992	302,331	2,556,323	11,484,271
March .....	7,510,792	2,057,857	9,568,649	2,489,692 <sup>r</sup>	344,467	2,834,159 <sup>r</sup>	12,402,808
April .....	7,011,160	1,886,233	8,897,393	2,258,348	307,325	2,565,673	11,463,066
May .....	7,513,241	1,302,331	8,815,572	2,251,452	329,149	2,580,601	11,396,173
June .....							
July .....							
August .....							
September ..							
October ...							
November ...							
December ...							

<sup>r</sup> Revised figures.



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## ELECTRIC POWER STATISTICS

JUNE 1965

Table 1 of this report contains preliminary statistics on energy generation, imports, exports and secondary for the month of June 1965. These preliminary statistics indicate that net generation increased 2.9 per cent to 10,756,477 thousand kwh. in June 1965 from 10,451,625 thousand kwh. generated one year ago.

Imports increased to 405,609 thousand kwh. from 268,675 thousand kwh. and exports increased to 278,918 thousand kwh. from 265,943 thousand kwh. in June 1964.

Table 2 shows detailed data concerning the amount of energy made available and the disposition of this energy for the month of April 1965. These figures include a breakdown of sales by rate categories for large utilities and industries while distribution by smaller utilities and industries is included in "distribution by non-respondents" (item 28). Distribution by non-respondents is the energy which is delivered by companies which report in this survey to companies which do not report. Consumption of own generation by industrial establishments is included in power sales. Comparable April 1964 data is shown for all categories.

Tables 3, 4 and 5 give final data for the months January to April 1965 and preliminary data for other months. In table 3 the secondary energy includes both that used in electric boilers and that used for other purposes. In April, of the 55,133 thousand kwh. of secondary energy 189,834 thousand kwh. were used in electric boilers and 65,299 thousand kwh. were used for other purposes.

The total generation for the twelve-month period ending June 30, 1965 amounted to 138,469,406 thousand kwh. compared to 138,164,554 thousand kwh. for the period ending in May.

Monthly electric power statistics are designed to provide current information on the production and consumption of electric energy in Canada. In order to expedite the collection and compilation of returns, the series is confined to firms which generate a minimum of 10 million kwh. per annum and to large distributors of electric energy. These firms accounted for 99.6 per cent of total production in 1962.

In the electric power series, net generation is defined as total generation less the amount used in station.

Industry Division

August 1965  
1-513

TABLE 1. Preliminary Electric Energy Statistics  
June 1965

No.		Canada 1964	Canada	Newfoundland	Prince Edward Island	Nova Scotia
				thousand kwh.		
1	Net generation - Hydro .....	9,244,576	8,925,164	187,692	-	35,936
2	Thermal .....	1,207,049	1,831,313	23,949	9,554	158,524
3	Total net generation .....	10,451,625	10,756,477	211,641	9,554	194,460
	Energy imported:					572
4	From other provinces .....	...	...	-	-	-
5	From United States .....	268,675	405,609	-	-	572
6	Totals .....	268,675	405,609	-	-	-
	Energy exported:					-
7	To other provinces - Firm .....	...	...	7,180	-	6,717
8	Secondary .....	...	...	-	-	-
9	To United States - Firm .....	69,728	48,304	-	-	-
10	Secondary .....	196,215	230,614	-	-	6,717
11	Totals .....	265,943	278,918	7,180	-	-
12	Net energy used in Canada .....	10,454,357	10,883,168	204,461	9,554	188,315
13	Secondary energy used in Canada(1) .....	299,248	136,457	126	-	-
14	Firm energy used in Canada .....	10,155,109	10,746,711	204,335	9,554	188,315

(1) Secondary energy for use in other than electric boilers amounted to 1,029 thousand kwh. in New Brunswick, 40,042 thousand kwh. in Quebec, 17,187 thousand kwh. in Ontario, 41 thousand kwh. in Saskatchewan and 882 thousand kwh. in Yukon and N.W.T.

TABLE 2. Supply and Demand of Electric Energy  
April 1965

No.		Canada 1964	Canada	Newfoundland	Prince Edward Island	Nova Scotia
				thousand kwh.		
	<u>Supply of electric energy</u>					
	Net generation:					
1	Utilities - Hydro .....	7,145,512	6,987,216 <sup>r</sup>	190,464	-	52,657
2	Thermal .....	1,227,732	1,886,347 <sup>r</sup>	4,282	10,414	123,696
3	Totals .....	8,373,244	8,873,563 <sup>r</sup>	194,746	10,414	176,353
4	Industry - Hydro .....	2,178,439	2,258,348	31,434	-	3,019
5	Thermal .....	287,542	307,325	4,456	-	19,252
6	Totals .....	2,465,981	2,565,673	35,890	-	22,271
7	Grand total - Hydro .....	9,323,951	9,245,564 <sup>r</sup>	221,898	-	55,676
8	Thermal .....	1,515,274	2,193,672 <sup>r</sup>	8,738	10,414	142,948
9	Total net generation .....	10,839,225	11,439,236 <sup>r</sup>	230,636	10,414	198,624
	Energy imported:					8,041
10	From other provinces .....	...	...	-	-	-
11	From United States .....	182,453	291,917 <sup>r</sup>	-	-	8,041
12	Totals .....	182,453	291,917 <sup>r</sup>	-	-	206,665
13	Total supply of electric energy .....	11,021,678	11,731,153	230,636	10,414	-
	<u>Demand for electric energy</u>					
	Sales:					
14	Domestic .....	2,096,791	2,288,083	21,873	4,629	54,908
15	Farm(1) .....	86,459	107,092	-	-	-
16	General service (commercial) .....	933,752	1,043,972	7,625	4,903	40,626
17	Power - Firm .....	6,302,788	6,919,045	187,653	406	77,677
18	Secondary .....	216,875	255,133 <sup>r</sup>	158	-	-
19	Total power .....	6,519,663	7,174,178	187,811	406	77,677
20	Street lighting .....	64,935	73,055	586	142	1,648
21	Total sales .....	9,701,600	10,686,380	217,895	10,080	174,859
	Energy exported:					-
22	To other provinces - Firm .....	...	...	5,507	-	10,333
23	Secondary .....	...	...	-	-	-
24	To United States - Firm .....	76,286	49,307	-	-	-
25	Secondary .....	267,339	227,818	-	-	10,333
26	Total energy exported .....	343,625	277,125	5,507	-	-
27	Unallocated energy(2) .....	588,412	317,452	7,234	163	7,333
28	Distribution by non-respondents .....	388,041	450,196	-	171	14,140
29	Total demand for electric energy .....	11,021,678	11,731,153	230,636	10,414	206,665

(1) Many utilities cannot distinguish between domestic and farm, as they do not keep separate records.  
(2) Includes losses, unaccounted for, and cyclical billing adjustment.

TABLE 1. Preliminary Electric Energy Statistics  
June 1965

New Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Yukon and N.W.T.	No.
thousand kwh.								
111,058	4,176,408	2,514,291	370,593	166,963	158,720	1,187,719	15,784	1
132,506	86,166	837,585	17,200	114,545	244,909	203,945	2,430	2
243,564	4,262,574	3,351,876	387,793	281,508	403,629	1,391,664	18,214	3
8,556	16,685	400,933	52,277	724	4,475	473	-	4
1,843	46	340,730	-	-	-	62,990	-	5
10,399	16,731	741,663	52,277	724	4,475	63,463	-	6
-	351,919	2,169	515	42,309	473	4,475	-	7
572	50,552	17,097	510	207	-	-	-	8
15,159	1,083	31,890	-	-	-	172	-	9
4,443	3,641	221,470	-	-	-	1,060	-	10
20,174	407,195	272,626	1,025	42,516	473	5,707	-	11
233,789	3,872,110	3,820,913	439,045	239,716	407,631	1,449,420	18,214	12
1,029	74,032	41,579	2,578	1,418	-	12,043	3,652	13
232,760	3,798,078	3,779,334	436,467	238,298	407,631	1,437,377	14,562	14

TABLE 2. Supply and Demand of Electric Energy  
April 1965

New Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Yukon and N.W.T.	No.
thousand kwh.								
97,889	3,085,564	2,399,961	431,108	131,586	77,013	506,473 <sup>r</sup>	14,501 <sup>r</sup>	1
101,849	11,955	998,923	8,183	140,921	313,050	170,455 <sup>r</sup>	2,619 <sup>r</sup>	2
199,738	3,097,519	3,398,884	439,291	272,507	390,063	676,928 <sup>r</sup>	17,120 <sup>r</sup>	3
4,736	1,420,850	129,035	-	6,038	-	660,118	3,118	4
44,589	32,808	87,116	2,816	6,694	28,484	81,110	-	5
49,325	1,453,658	216,151	2,816	12,732	28,484	741,228	3,118	6
102,625	4,506,414	2,528,996	431,108	137,624	77,013	1,166,591 <sup>r</sup>	17,619 <sup>r</sup>	7
146,438	44,763	1,086,039	10,999	147,615	341,534	251,565 <sup>r</sup>	2,619 <sup>r</sup>	8
249,063	4,551,177	3,615,035	442,107	285,239	418,547	1,418,156 <sup>r</sup>	20,238 <sup>r</sup>	9
12,379	21,611	397,545	56,574	6,708	4,118	746	-	10
236	74	245,202	-	-	-	46,405 <sup>r</sup>	-	11
12,615	21,685	642,747	56,574	6,708	4,118	47,151 <sup>r</sup>	-	12
261,678	4,572,862	4,257,782	498,681	291,947	422,665	1,465,307	20,238	13
40,044	717,764	922,945	136,695	59,866	92,770	235,496	1,093	14
-	-	-	32,784	37,996	36,312	-	-	15
23,502	227,333	410,541	63,512	39,215	69,651	155,682	1,382	16
158,242	2,879,267	2,109,455	222,051	90,372	192,410	994,869	6,643	17
1,025 <sup>r</sup>	153,822 <sup>r</sup>	55,675 <sup>r</sup>	22,457 <sup>r</sup>	677	327 <sup>r</sup>	15,003	5,989 <sup>r</sup>	18
159,267	3,033,089	2,165,130	244,508	91,049	192,737	1,009,872	12,632	19
2,121	20,524	26,471	4,613	2,513	7,124	7,259	54	20
224,934	3,998,710	3,525,087	482,112	230,639	398,594	1,408,309	15,161	21
-	381,683	2,283	561	46,117	746	4,118	-	22
8,041	17,546	24,063	6,509	215	-	-	-	23
16,378	1,125	31,638	-	-	-	166	-	24
5,223	1,946	216,999	-	-	-	3,650	-	25
29,642	402,300	274,983	7,070	46,332	746	7,934	-	26
571	128,191	98,568	9,499	12,060	16,460	33,205	4,168	27
6,531	43,661	359,144	-	2,916	6,865	15,859	909	28
261,678	4,572,862	4,257,782	498,681	291,947	422,665	1,465,307	20,238	29

Revised figures.

Figures not appropriate or not applicable.



TABLE 3. Supply of Electric Energy

January - June 1965

Month	Total net generation	Imports from United States	Exports to United States	Net energy used in Canada	Secondary energy used in Canada	Firm energy used in Canada	Daily average, total net generation
thousand kwh.							
January .....	12,608,469	282,875	304,582	12,586,762	305,220	12,281,542	406,725
February .....	11,484,276	269,358	278,340	11,475,294	274,512	11,200,782	410,153
March .....	12,402,808	297,298	292,847	12,407,259	307,407	12,099,852	400,091
April .....	11,449,246 <sup>r</sup>	291,917 <sup>r</sup>	277,125	11,454,028 <sup>r</sup>	255,133 <sup>r</sup>	11,198,895 <sup>r</sup>	381,308 <sup>r</sup>
May .....	11,396,173	327,919	317,522	11,406,570	255,565	11,181,005	367,618
June .....	10,756,477	405,609	278,918	10,883,168	136,457	10,746,711	358,549
July .....							
August .....							
September .....							
October .....							
November .....							
December .....							
Year .....							

<sup>r</sup> Revised figures.

TABLE 4. Sales of Electric Energy to Ultimate Customers

January - April 1965

Year and month	Domestic	Farm(1)	General service (commercial)	Firm power	Secondary power	Total power	Street lighting	Total sales to ultimate customers
thousand kwh.								
1964 .....	23,934,160	945,237	11,082,698	78,155,283	3,415,366	81,570,649	835,158	118,367,902
1965 - January ....	2,576,617	98,686	1,118,380	6,897,300	305,220	7,202,520	84,894	11,081,097
February ....	2,533,835	118,258	1,099,231	6,532,153	274,512	6,806,665	78,909	10,636,898
March .....	2,476,581	113,448	1,070,165	6,990,007	307,407	7,297,414	77,223	11,034,831
April .....	2,288,083	107,092	1,043,972	6,919,045	255,133	7,174,178	73,055	10,686,380
May .....								
June .....								
July .....								
August .....								
September ..								
October ....								
November ....								
December ...								
Year .....								

(1) Many utilities cannot distinguish between domestic and farm, as they do not keep separate records.

TABLE 5. Net Generation, 1961-65

CANADA

Year and month	Utilities			Industry			Grand total
	Hydro	Thermal	Total	Hydro	Thermal	Total	
	thousand kwh.						
1961 .....	82,014,614	7,049,079	89,063,693	21,660,132	2,497,588	24,157,720	113,221,413
1962 .....	80,861,406	10,781,660	91,643,066	22,789,817	2,570,288	25,360,105	117,003,171
1963 .....	80,214,421	15,428,726	95,643,147	23,096,751	2,811,559	25,908,310	121,551,457
1964 .....	81,888,835	17,588,035	102,476,870	28,336,790	3,478,537	31,815,327	134,292,197
1965 .....							
1965 - January ....	7,361,809	2,419,767	9,781,576	2,509,096	317,797	2,826,893	12,608,469
February ....	6,836,788	2,091,165	8,927,953	2,253,992	302,331	2,556,323	11,484,276
March .....	7,110,792	2,057,857	9,168,649	2,489,692	344,467	2,834,159	12,402,808
April .....	6,987,216 <sup>r</sup>	1,886,347 <sup>r</sup>	8,873,563 <sup>r</sup>	2,258,348	307,325	2,565,673	11,449,236 <sup>r</sup>
May .....	7,513,241	1,302,331	8,815,572	2,251,452	329,149	2,580,601	11,396,173
June .....	6,780,132	1,523,347	8,303,479	2,145,032	307,966	2,452,998	10,756,477
July .....							
August .....							
September ..							
October ....							
November ....							
December ...							

<sup>r</sup> Revised figures.

CATALOGUE No.

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ELECTRIC POWER STATISTICS

JULY 1965

Table 1 of this report contains preliminary statistics on energy generation, imports, exports and secondary for the month of July 1965. These preliminary statistics indicate that net generation increased 1.9 per cent to 10,830,388 thousand kwh. in July 1965 from 10,631,708 thousand kwh. generated one year ago.

Imports increased to 374,230 thousand kwh. from 279,464 thousand kwh. and exports decreased to 279,779 thousand kwh. from 337,604 thousand kwh. in July 1964.

Table 2 shows detailed data concerning the amount of energy made available and the disposition of this energy for the month of May 1965. These figures include a breakdown of sales by rate categories for large utilities and industries while distribution by smaller utilities and industries is included in "Distribution by non-respondents" (item 28). Distribution by non-respondents is the energy which is delivered by companies which report in this survey to companies which do not report. Consumption of own generation by industrial establishments is included in power sales. Comparable May 1964 data is shown for all categories.

Tables 3, 4 and 5 give final data for the months January to May 1965 and preliminary data for other months. In table 3 the secondary energy includes both that used in electric boilers and that used for other purposes. In May, of the 225,709 thousand kwh. of secondary energy 160,936 thousand kwh. were used in electric boilers and 64,764 thousand kwh. were used for other purposes.

The total generation for the twelve-month period ending July 31, 1965 amounted to 138,636,901 thousand kwh. compared to 138,438,221<sup>r</sup> thousand kwh. for the period ending in June.

Monthly electric power statistics are designed to provide current information on the production and consumption of electric energy in Canada. In order to expedite the collection and compilation of returns, the series is confined to firms which generate a minimum of 10 million kwh. per annum and to large distributors of electric energy. These firms accounted for 99.6 per cent of total production in 1962.

In the electric power series, net generation is defined as total generation less the amount used in station service.

Industry Division

September 1965  
511-513

TABLE 1. Preliminary Electric Energy Statistics  
July 1965

No.		Canada 1964	Canada	Newfoundland	Prince Edward Island	Nova Scotia
			thousand kwh.			
1	Net generation - Hydro .....	9,269,517	8,891,679	196,117	-	28,654
2	Thermal .....	1,362,191	1,938,709	23,045	10,650	191,327
3	Total net generation .....	10,631,708	10,830,388	219,162	10,650	219,981
	Energy imported:					
4	From other provinces .....	...	...	-	-	19
5	From United States .....	279,464	374,230	-	-	-
6	Totals .....	279,464	374,230	-	-	19
	Energy exported:					
7	To other provinces - Firm .....	...	...	6,964	-	-
8	Secondary .....	...	...	-	-	26,528
9	To United States - Firm .....	64,634	50,729	-	-	-
10	Secondary .....	272,970	229,050	-	-	-
11	Totals .....	337,604	279,779	6,964	-	26,528
12	Net energy used in Canada .....	10,573,568	10,924,839	212,198	10,650	193,472
13	Secondary energy used in Canada(1) .....	360,561	185,830	209	-	-
14	Firm energy used in Canada .....	10,213,007	10,739,009	211,989	10,650	193,472

(1) Secondary energy for use in other than electric boilers amounted to 977 thousand kwh. in New Brunswick, 37,883 thousand kwh. in Quebec, 16,068 thousand kwh. in Ontario, 24 thousand kwh. in Saskatchewan and 436 thousand kwh. in Yukon and N.W.T.

TABLE 2. Supply and Demand of Electric Energy  
May 1965

No.		Canada 1964	Canada	Newfoundland	Prince Edward Island	Nova Scotia
			thousand kwh.			
	<u>Supply of electric energy</u>					
	Net generation:					
1	Utilities - Hydro .....	7,327,904	7,512,586 <sup>r</sup>	176,145	-	37,732
2	Thermal .....	857,423	1,271,801 <sup>r</sup>	9,347	9,994	129,705
3	Totals .....	8,185,327	8,784,387 <sup>r</sup>	185,492	9,994	167,437
4	Industry - Hydro .....	2,255,020	2,251,452	32,648	-	2,583
5	Thermal .....	291,724	329,149	5,747	-	23,935
6	Totals .....	2,546,744	2,580,601	38,395	-	26,518
7	Grand total - Hydro .....	9,582,924	9,764,038 <sup>r</sup>	208,793	-	40,315
8	Thermal .....	1,149,147	1,600,950 <sup>r</sup>	15,094	9,994	153,640
9	Total net generation .....	10,732,071	11,364,988 <sup>r</sup>	223,887	9,994	193,955
	Energy imported:					
10	From other provinces .....	...	...	-	-	7,306
11	From United States .....	244,896	327,919	-	-	-
12	Totals .....	244,896	327,919	-	-	7,306
13	Total supply of electric energy .....	10,976,967	11,692,907	223,887	9,994	201,261
	<u>Demand for electric energy</u>					
	Sales:					
14	Domestic .....	1,974,884	2,071,165	20,387	4,173	53,916
15	Farm(1) .....	82,304	95,288	-	-	-
16	General service (commercial) .....	882,680	969,970	7,130	4,288	36,320
17	Power - Firm .....	6,504,601	7,092,129	183,391	531	82,943
18	Secondary .....	254,321	225,700 <sup>r</sup>	224	-	-
19	Total power .....	6,758,922	7,317,829	183,615	531	82,943
20	Street lighting .....	60,833	68,124	550	131	1,618
21	Total sales .....	9,759,623	10,522,376	211,682	9,123	174,797
	Energy exported:					
22	To other provinces - Firm .....	...	...	4,796	-	-
23	Secondary .....	...	...	-	-	2,032
24	To United States - Firm .....	79,842	58,717	-	-	-
25	Secondary .....	256,974	258,805	-	-	-
26	Total energy exported .....	336,816	317,522	4,796	-	2,032
27	Unallocated energy(2) .....	512,916	421,642	7,409	686	10,606
28	Distribution by non-respondents .....	367,612	431,367	-	185	13,826
29	Total demand for electric energy .....	10,976,967	11,692,907	223,887	9,994	201,261

(1) Many utilities cannot distinguish between domestic and farm, as they do not keep separate records.  
(2) Includes losses, unaccounted for, and cyclical billing adjustment.



TABLE 1. Preliminary Electric Energy Statistics  
July 1965

New Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Yukon and N.W.T.	No.
thousand kwh.								
47,212	4,249,065	2,404,793	377,854	168,460	198,460	1,206,137	14,927	1
159,111	94,952	894,320	11,804	111,529	212,394	227,940	1,637	2
206,323	4,344,017	3,299,113	389,658	279,989	410,854	1,434,077	16,564	3
28,493	22,934	381,821	53,102	593	2,998	1,699	-	4
6,929	60	319,884	-	-	-	47,357	-	5
35,422	22,994	701,705	53,102	593	2,998	49,056	-	6
-	419,138	2,180	513	44,197	1,699	2,998	-	7
19	- 35,723	22,612	451	83	-	-	-	8
7,169	819	32,170	-	-	-	10,571	-	9
2,105	5,474	219,985	-	-	-	1,486	-	10
9,293	389,708	276,947	964	44,280	1,699	15,055	-	11
232,452	3,977,303	3,723,871	441,796	236,302	412,153	1,468,078	16,564	12
977	128,710	40,922	87	1,102	-	10,696	3,127	13
231,475	3,848,593	3,682,949	441,709	235,200	412,153	1,457,382	13,437	14

TABLE 2. Supply and Demand of Electric Energy  
May 1965

New Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Yukon and N.W.T.	No.
thousand kwh.								
153,334	3,102,941 <sup>r</sup>	2,768,423	398,889	170,432	99,332	591,365	13,993	1
64,299	3,783	550,058	13,817	111,346 <sup>r</sup>	279,306	97,691	2,455	2
217,633	3,106,724 <sup>r</sup>	3,318,481	412,706	281,778 <sup>r</sup>	378,638	689,056	16,448	3
9,409	1,387,102	133,170	-	6,761	-	676,128	3,651	4
45,796	32,948	87,091	1,987	7,063	29,091	95,491	-	5
55,205	1,420,050	220,261	1,987	13,824	29,091	771,619	3,651	6
162,743	4,490,043 <sup>r</sup>	2,901,593	398,889	177,193	99,332	1,267,493	17,644	7
110,095	36,731	637,149	15,804	118,409	308,397	193,182	2,455	8
272,838	4,526,774 <sup>r</sup>	3,538,742	414,693	295,602 <sup>r</sup>	407,729	1,460,675	20,099	9
4,195	20,595	421,197	58,364	569	4,680	455	-	10
2,280	75	264,844	-	-	-	60,720	-	11
6,475	20,670	686,041	58,364	569	4,680	61,175	-	12
279,313	4,547,444	4,224,783	473,057	296,171	412,409	1,521,850	20,099	13
36,722	591,193	881,493	114,723	49,096	77,462	240,732	1,268	14
-	-	-	26,404	36,774	32,110	-	-	15
22,087	200,576	386,464	57,023	34,099	67,598	153,038	1,347	16
163,265	2,990,144	2,111,481	221,824	85,176	190,715	1,050,539	12,120	17
1,120 <sup>r</sup>	142,137 <sup>r</sup>	50,545 <sup>r</sup>	13,328 <sup>r</sup>	1,633	492 <sup>r</sup>	12,563	3,658 <sup>r</sup>	18
164,385	3,132,281	2,162,026	235,152	86,809	191,207	1,063,102	15,778	19
676	20,231	26,974	3,928	1,474	6,171	6,320	51	20
223,870	3,944,281	3,456,957	437,230	208,252	374,548	1,463,192	18,444	21
-	392,644	2,284	564	46,469	455	4,680	-	22
7,306	30,415	25,389	306	21	-	-	-	23
24,997	1,050	32,499	-	-	-	171	-	24
7,166	1,496	247,517	-	-	-	2,626	-	25
39,469	425,605	307,689	870	46,490	455	7,477	-	26
8,708	135,862	119,979	34,957	38,743	27,946	35,963	783	27
7,266	41,696	340,158	-	2,686	9,460	15,218	872	28
279,313	4,547,444	4,224,783	473,057	296,171	412,409	1,521,850	20,099	29

Figures not appropriate or not applicable.  
Revised figures.

TABLE 3. Supply of Electric Energy

January - July 1965

Month	Total net generation	Imports from United States	Exports to United States	Net energy used in Canada	Secondary energy used in Canada	Firm energy used in Canada	Daily average, total net generation
thousand kwh.							
January .....	12,608,469	282,875	304,582	12,586,762	305,220	12,281,542	406,713
February .....	11,484,276	269,358	278,340	11,475,294	274,512	11,200,782	376,173
March .....	12,402,808	297,298	292,847	12,407,259	307,407	12,099,852	400,001
April .....	11,439,236	291,917	277,123	11,454,028	277,123	11,198,895	371,008
May .....	11,364,988 <sup>r</sup>	327,919	317,522	11,375,385 <sup>r</sup>	225,700 <sup>r</sup>	11,149,685 <sup>r</sup>	371,491
June .....	10,756,477	405,609	278,918	10,883,168	136,457	10,746,711	358,249
July .....	10,830,388	374,230	279,779	10,924,839	185,830	10,739,009	354,167
August .....							
September .....							
October .....							
November .....							
December .....							

<sup>r</sup> Revised figures.

TABLE 4. Sales of Electric Energy to Ultimate Customers

January - May 1965

Year and month	Domestic	Farm(1)	General service (commercial)	Firm power	Secondary power	Total power	Street lighting	Total sales to ultimate customers
thousand kwh.								
1964 - December .....	23,934,160	945,237	11,082,698	78,155,283	3,415,366	81,570,649	835,158	118,367,902
1965 - January .....	2,576,617	98,686	1,118,380	6,897,300	305,220	7,202,520	84,894	13,088,998
February .....	2,533,835	118,258	1,099,231	6,532,153	274,512	6,806,665	78,909	10,019,998
March .....	2,476,581	113,448	1,070,165	6,990,007	307,407	7,297,414	77,223	11,054,811
April .....	2,288,083	107,092	1,043,972	6,919,045	255,133	7,174,178	73,055	10,686,380
May .....	2,071,165	95,288	969,970	7,092,129	225,700 <sup>r</sup>	7,317,829	68,124	10,522,876
June .....								
July .....								
August .....								
September .....								
October .....								
November .....								
December .....								

(1) Many utilities cannot distinguish between domestic and farm, as they do not keep separate records.  
<sup>r</sup> Revised figure.

TABLE 5. Net Generation, 1961-65

CANADA

Year and month	Hydro			Thermal			Total
	Hydro	Thermal	Total	Hydro	Thermal	Total	
thousand kwh.							
1961 .....	82,014,614	7,049,079	89,063,693	21,660,132	2,497,588	24,157,720	113,221,413
1962 .....	80,861,406	10,781,660	91,643,066	22,789,817	2,570,288	25,360,105	117,003,171
1963 .....	80,214,421	15,428,726	95,643,147	23,096,751	2,811,559	25,908,310	121,551,457
1964 .....	84,888,835	17,588,035	102,476,870	28,336,790	3,478,537	31,815,327	134,292,197
1965 - January ..	7,361,809	2,419,767	9,781,576	2,509,096	317,797	2,826,893	12,608,469
February .....	6,836,788	2,091,165	8,927,953	2,253,992	302,331	2,556,323	11,484,276
March .....	7,510,792	2,057,857	9,568,649	2,489,692	344,467	2,834,159	12,402,808
April .....	6,987,216	1,886,347	8,873,563	2,258,348	307,325	2,565,673	11,439,236
May .....	7,512,586 <sup>r</sup>	1,271,801 <sup>r</sup>	8,784,387 <sup>r</sup>	2,251,452	329,149	2,580,601	11,364,988 <sup>r</sup>
June .....	6,780,132	1,523,347	8,303,479	2,145,032	307,966	2,452,998	10,756,477
July .....	6,540,153	1,620,547	8,160,700	2,351,526	318,162	2,669,688	10,830,388
August .....							
September .....							
October .....							
November .....							
December .....							

<sup>r</sup> Revised figures.

CATALOGUE No.

57-001

MONTHLY

## DOMINION BUREAU OF STATISTICS

(OTTAWA - CANADA)

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ELECTRIC POWER STATISTICS

AUGUST 1965

Table 1 of this report contains preliminary statistics on energy generation, imports, exports and secondary for the month of August 1965. These preliminary statistics indicate that net generation increased 7.0 per cent to 11,453,370 thousand kwh. in August 1965 from 10,705,834 thousand kwh. generated one year ago.

Imports decreased to 277,208 thousand kwh. from 303,559 thousand kwh. and exports decreased to 319,311 thousand kwh. from 368,296 thousand kwh. in August 1964.

Table 2 shows detailed data concerning the amount of energy made available and the disposition of this energy for the month of June 1965. These figures include a breakdown of sales by rate categories for large utilities and industries while distribution by smaller utilities and industries is included in "distribution by non-respondents" (item 28). Distribution by non-respondents is the energy which is delivered by companies which report in this survey to companies which do not report. Consumption of own generation by industrial establishments is included in power sales. Comparable June 1964 data is shown for all categories.

Tables 3, 4 and 5 give final data for the months January to June 1965 and preliminary data for other months. In table 3 the secondary energy includes both that used in electric boilers and that used for other purposes. In June, of the 37,466 thousand kwh. of secondary energy 79,161 thousand kwh. were used in electric boilers and 58,305 thousand kwh. were used for other purposes.

The total generation for the twelve-month period ending August 31, 1965 amounted to 139,398,377 thousand kwh. compared to 138,650,841<sup>r</sup> thousand kwh. for the period ending in July.

Monthly electric power statistics are designed to provide current information on the production and consumption of electric energy in Canada. In order to expedite the collection and compilation of returns, the series is confined to firms which generate a minimum of 10 million kwh. per annum and to large distributors of electric energy. These firms accounted for 99.6 per cent of total production in 1962.

In the electric power series, net generation is defined as total generation less the amount used in station service.

Industry Division

October 1965  
11-513



TABLE 1. Preliminary Electric Energy Statistics

August 1965

No.		Canada 1964	Canada	Newfoundland	Prince Edward Island	Nova Scotia
				thousand kwh.		
1	Net generation - Hydro .....	9,048,691	9,252,399	186,468	-	23,824
2	Thermal .....	1,657,143	2,200,971	24,559	11,447	193,522
3	Total net generation .....	10,705,834	11,453,370	211,027	11,447	217,346
	Energy imported:					163
4	From other provinces .....	...	...	-	-	-
5	From United States .....	303,559	277,208	-	-	163
6	Totals .....	303,559	277,208	-	-	-
	Energy exported:					-
7	To other provinces - Firm .....	...	...	6,681	-	-
8	Secondary .....	...	...	-	-	18,239
9	To United States - Firm .....	60,484	41,823	-	-	-
10	Secondary .....	307,812	277,488	-	-	-
11	Totals .....	368,296	319,311	6,681	-	18,239
12	Net energy used in Canada .....	10,641,097	11,411,267	204,346	11,447	199,270
13	Secondary energy used in Canada(1) .....	328,357	343,809	634	-	-
14	Firm energy used in Canada .....	10,312,740	11,067,458	203,712	11,447	199,270

(1) Secondary energy for use in other than electric boilers amounted to 38,307 thousand kwh. in Quebec, 17,543 thousand kwh. in Ontario, 13 thousand kwh. in Saskatchewan, and 284 thousand kwh. in Yukon and N.W.T.

TABLE 2. Supply and Demand of Electric Energy

June 1965

		Canada 1964	Canada	Newfoundland	Prince Edward Island	Nova Scotia
		thousand kwh.				
<u>Supply of electric energy</u>						
Net generation:						
1	Utilities - Hydro .....	6,871,959	6,780,132	154,928	-	33,427
2	Thermal .....	928,685	1,523,301 <sup>r</sup>	18,103	9,554	139,828
3	Totals .....	7,800,644	8,303,433 <sup>r</sup>	173,031	9,554	173,255
Industry - Hydro .....		2,372,617	2,145,032	32,764	-	2,509
4	Thermal .....	278,364	321,952 <sup>r</sup>	5,846	-	18,696
5	Totals .....	2,650,981	2,466,984 <sup>r</sup>	38,610	-	21,205
Grand total - Hydro .....		9,244,576	8,925,164	187,692	-	35,936
7	Thermal .....	1,207,049	1,845,253 <sup>r</sup>	23,949	9,554	158,524
8	Total net generation .....	10,451,625	10,770,417 <sup>r</sup>	211,641	9,554	194,460
Energy imported:						
10	From other provinces .....	...	...	-	-	572
11	From United States .....	268,675	405,609	-	-	-
12	Totals .....	268,675	405,609	-	-	572
13	Total supply of electric energy .....	10,720,300	11,176,026	211,641	9,554	195,032
<u>Demand for electric energy</u>						
Sales:						
14	Domestic .....	1,768,366	1,937,676	18,828	3,807	50,098
15	Farm(1) .....	76,456	87,623	-	-	-
16	General service (commercial) .....	875,034	974,649	7,302	4,070	35,891
17	Power - Firm .....	6,369,818	6,792,262	172,044	555	79,130
18	Secondary .....	299,248	137,466 <sup>r</sup>	126	-	-
19	Total power .....	6,669,066	6,929,728	172,170	555	79,130
20	Street lighting .....	58,509	65,870	512	131	1,628
21	Total sales .....	9,447,431	9,995,546	198,812	8,563	166,747
Energy exported:						
22	To other provinces - Firm .....	...	...	7,180	-	-
23	Secondary .....	...	...	-	-	6,717
24	To United States - Firm .....	69,728	48,304	-	-	-
25	Secondary .....	196,215	230,614	-	-	-
26	Total energy exported .....	265,943	278,918	7,180	-	6,717
27	Unallocated energy(2) .....	651,087	475,433	5,649	818	9,392
28	Distribution by non-respondents .....	355,839	426,129	-	173	12,176
29	Total demand for electric energy .....	10,720,300	11,176,026	211,641	9,554	195,032

(1) Many utilities cannot distinguish between domestic and farm, as they do not keep separate records.

(2) Includes losses, unaccounted for, and cyclical billing adjustment.

TABLE 1. Preliminary Electric Energy Statistics  
August 1965

New Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Yukon and N.W.T.	No.
thousand kwh.								
54,832	4,528,893	2,496,034	381,648	181,972	139,020	1,244,234	15,474	1
166,422	102,966	1,017,306	17,339	119,177	286,685	259,363	2,185	2
221,254	4,631,859	3,513,340	398,987	301,149	425,705	1,503,597	17,659	3
20,069	18,067	384,794	58,996	1,270	2,686	2,024	-	4
3,428	59	235,093	-	-	-	38,628	-	5
23,497	18,126	619,887	58,996	1,270	2,686	40,652	-	6
-	371,977	6,112	526	46,354	2,024	2,686	-	7
163	14,296	17,141	1,095	775	-	-	-	8
7,951	1,126	32,434	-	-	-	312	-	9
1,958	2,904	242,308	-	-	-	30,318	-	10
10,072	390,303	297,995	1,621	47,129	2,024	33,316	-	11
234,679	4,259,682	3,835,232	456,362	255,290	426,367	1,510,933	17,659	12
-	278,135	45,681	1,317	1,721	-	12,775	3,546	13
234,679	3,981,547	3,789,551	455,045	253,569	426,367	1,498,158	14,113	14

TABLE 2. Supply and Demand of Electric Energy  
June 1965

New Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Yukon and N.W.T.	No.
thousand kwh.								
103,011	2,872,966	2,385,094	370,593	160,548	158,720	529,447	11,398	1
85,902	52,744	754,850	13,877	107,632	213,529 <sup>r</sup>	124,852	2,430	2
188,913	2,925,710	3,139,944	384,470	268,180	372,249 <sup>r</sup>	654,299	13,828	3
8,047	1,303,442	129,197	-	6,415	-	658,272	4,386	4
46,604	33,422	82,735	3,323	6,913	31,334	93,079 <sup>r</sup>	-	5
54,651	1,336,864	211,932	3,323	13,328	31,334	751,351 <sup>r</sup>	4,386	6
111,058	4,176,408	2,514,291	370,593	166,963	158,720	1,187,719	15,784	7
132,506	86,166	837,585	17,200	114,545	244,863 <sup>r</sup>	217,931 <sup>r</sup>	2,430	8
243,564	4,262,574	3,351,876	387,793	281,508	403,583 <sup>r</sup>	1,405,650 <sup>r</sup>	18,214	9
8,556	16,685	381,516 <sup>r</sup>	52,277	724	4,475	427 <sup>r</sup>	-	10
1,843	46	340,730	-	-	-	62,990	-	11
10,399	16,731	722,246 <sup>r</sup>	52,277	724	4,475	63,417 <sup>r</sup>	-	12
253,963	4,279,305	4,074,122	440,070	282,232	408,058	1,469,067	18,214	13
33,341	619,272	783,110	108,322	48,479	71,203	199,859	1,357	14
-	-	-	26,758	31,254	29,611	-	-	15
24,042	213,181	385,653	55,957	36,309	62,659	147,927	1,658	16
155,345	2,749,690	2,089,568	216,597	93,700	190,048	1,035,060	10,525	17
55 <sup>r</sup>	74,249 <sup>r</sup>	41,987 <sup>r</sup>	3,387 <sup>r</sup>	1,418	507 <sup>r</sup>	12,043	3,694 <sup>r</sup>	18
155,400	2,823,939	2,131,555	219,984	95,118	190,555	1,047,103	14,219	19
1,512	19,352	26,755	3,344	1,543	5,543	5,537	13	20
214,295	3,675,744	3,327,073	414,365	212,703	359,571	1,400,426	17,247	21
-	373,852 <sup>r</sup>	2,169	515	42,309	427 <sup>r</sup>	4,475	-	22
572	9,202 <sup>r</sup>	17,097	510	207	-	-	-	23
15,159	1,083	31,890	-	-	-	172	-	24
4,443	3,641	221,470	-	-	-	1,060	-	25
20,174	387,778 <sup>r</sup>	272,626	1,025	42,516	427 <sup>r</sup>	5,707	-	26
11,762	173,449	136,230	24,680	24,276	40,104	48,839	234	27
7,732	42,334	338,193	-	2,737	7,956	14,095	733	28
253,963	4,279,305	4,074,122	440,070	282,232	408,058	1,469,067	18,214	29

Figures not appropriate or not applicable.  
Revised figures.

TABLE 3. Supply of Electric Energy

January - August 1965

Month	Total net generation	Imports from United States	Exports to United States	Net energy used in Canada	Secondary energy used in Canada	Firm energy used in Canada	Daily average, total net generation
thousand kwh.							
January .....	12,608,465	282,875	304,582	12,586,762	305,220	12,281,542	406,725
February .....	11,484,276	269,358	278,340	11,475,294	274,512	11,200,782	410,153
March .....	12,402,808	297,298	292,847	12,407,259	307,407	12,099,852	400,091
April .....	11,439,236	291,917	277,125	11,454,028	255,133	11,198,895	381,308
May .....	11,364,986	327,919	317,522	11,375,385	225,700	11,149,685	366,613
June .....	10,770,417 <sup>r</sup>	405,609	278,918	10,897,108 <sup>r</sup>	137,466 <sup>r</sup>	10,759,642 <sup>r</sup>	359,014 <sup>r</sup>
July .....	10,830,388	374,230	279,779	10,924,839	185,830	10,739,009	349,367
August .....	11,453,370	277,208	319,311	11,411,267	343,809	11,067,458	369,464
September .....							
October .....							
November .....							
December .....							
Year .....							

<sup>r</sup> Revised figures.

TABLE 4. Sales of Electric Energy to Ultimate Customers

January - June 1965

Year and month	Domestic	Farm(1)	General service (commercial)	Firm power	Secondary power	Total power	Street lighting	Total sales to ultimate customers
thousand kwh.								
1964 .....	23,934,160	945,237	11,082,698	78,155,283	3,415,366	81,570,649	835,158	118,367,902
1965 - January ....	2,576,617	98,686	1,118,380	6,897,300	305,220	7,202,520	84,894	11,081,097
February ....	2,533,835	118,258	1,099,231	6,532,153	274,512	6,806,665	78,909	10,636,898
March .....	2,476,581	113,448	1,070,165	6,990,007	307,407	7,297,414	77,223	11,034,831
April .....	2,288,083	107,092	1,043,972	6,919,045	255,133	7,174,178	73,055	10,686,380
May .....	2,071,165	95,288	969,970	7,092,129	225,700	7,317,829	68,124	10,522,376
June .....	1,937,676	87,623	974,649	6,792,262	137,466 <sup>r</sup>	6,929,728	65,870	9,995,546
July .....								
August .....								
September ..								
October ....								
November ...								
December ...								
Year .....								

(1) Many utilities cannot distinguish between domestic and farm, as they do not keep separate records.

<sup>r</sup> Revised figure.

TABLE 5. Net Generation, 1961-65

CANADA

Year and month	Utilities			Industry			Grand total
	Hydro	Thermal	Total	Hydro	Thermal	Total	
thousand kwh.							
1961 .....	82,014,614	7,049,079	89,063,693	21,660,132	2,497,588	24,157,720	113,221,413
1962 .....	80,861,406	10,781,660	91,643,066	22,789,817	2,570,288	25,360,105	117,003,171
1963 .....	80,214,421	15,428,726	95,643,147	23,096,751	2,811,559	25,908,310	121,551,457
1964 .....	84,888,835	17,588,035	102,476,870	28,336,790	3,478,537	31,815,327	134,292,197
1965 .....							
1965 - January ....	7,361,809	2,419,767	9,781,576	2,509,096	317,797	2,826,893	12,608,469
February ...	6,836,788	2,091,165	8,927,953	2,253,992	302,331	2,556,323	11,484,276
March .....	7,510,792	2,057,857	9,568,649	2,489,692	344,467	2,834,159	12,402,808
April .....	6,987,216	1,886,347	8,873,563	2,258,348	307,325	2,565,673	11,439,236
May .....	7,512,586	1,271,801	8,784,387	2,251,452	329,149	2,580,601	11,364,988
June .....	6,780,132	1,523,301 <sup>r</sup>	8,303,433 <sup>r</sup>	2,145,032	321,952 <sup>r</sup>	2,466,984 <sup>r</sup>	10,770,417 <sup>r</sup>
July .....	6,540,153	1,620,547	8,160,700	2,351,526	318,162	2,669,688	10,830,388
August .....	6,703,268	1,869,364	8,572,632	2,549,131	331,607	2,880,738	11,453,370
September ..							
October ....							
November ...							
December ...							

<sup>r</sup> Revised figures.



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(OTTAWA - CANADA)

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ELECTRIC POWER STATISTICS

SEPTEMBER 1965

Table 1 of this report contains preliminary statistics on energy generation, imports, exports and secondary for the month of September 1965. These preliminary statistics indicate that net generation increased 5.1 per cent to 11,577,781 thousand kwh. in September 1965 from 10,846,580 thousand kwh. generated one year ago.

Imports increased to 293,685 thousand kwh. from 263,780 thousand kwh. and exports decreased to 314,121 thousand kwh. from 366,785 thousand kwh. in September 1964.

Table 2 shows detailed data concerning the amount of energy made available and the disposition of this energy for the month of July 1965. These figures include a breakdown of sales by rate categories for large utilities and industries while distribution by smaller utilities and industries is included in "distribution by non-respondents" (item 28). Distribution by non-respondents is the energy which is delivered by companies which report in this survey to companies which do not report. Consumption of own generation by industrial establishments is included in power sales. Comparable July 1964 data is shown for all categories.

Tables 3, 4 and 5 give final data for the months January to July 1965 and preliminary data for other months. In Table 3 the secondary energy includes both that used in electric boilers and that used for other purposes. In July, of the 187,362 thousand kwh. of secondary energy 132,060 thousand kwh. were used in electric boilers and 55,302 thousand kwh. were used for other purposes.

The total generation for the twelve-month period ending September 30, 1965 amounted to 140,129,363 thousand kwh. compared to 139,398,162<sup>1</sup> thousand kwh. for the period ending in August.

Monthly electric power statistics are designed to provide current information on the production and consumption of electric energy in Canada. In order to expedite the collection and compilation of returns, the series is confined to firms which generate a minimum of 10 million kwh. per annum and to large distributors of electric energy. These firms accounted for 99.6 per cent of total production in 1962.

In the electric power series, net generation is defined as total generation less the amount used in station service.

Industry Division

September 1965  
1-513

TABLE 1. Preliminary Electric Energy Statistics  
September 1965

No.		Canada 1964	Canada	Newfoundland	Prince Edward Island	Nova Scotia
				thousand kwh.		
1	Net generation - Hydro .....	8,916,549	9,329,676	185,814	-	16,728
2	Thermal .....	1,930,031	2,248,105	25,895	10,778	186,728
3	Total net generation .....	10,846,580	11,577,781	211,709	10,778	203,456
	Energy imported:					
4	From other provinces .....	...	...	-	-	3,614
5	From United States .....	263,780	293,685	-	-	-
6	Totals .....	263,780	293,685	-	-	3,614
	Energy exported:					
7	To other provinces - Firm .....	...	...	6,978	-	-
8	Secondary .....	...	...	-	-	6,950
9	To United States - Firm .....	61,303	44,054	-	-	-
10	Secondary .....	305,482	270,067	-	-	-
11	Totals .....	366,785	314,121	6,978	-	6,950
12	Net energy used in Canada .....	10,743,575	11,557,345	204,731	10,778	200,120
13	Secondary energy used in Canada(1) .....	311,876 <sup>r</sup>	346,268	-	-	-
14	Firm energy used in Canada .....	10,431,699 <sup>r</sup>	11,211,077	204,731	10,778	200,120

(1) Secondary energy for use in other than electric boilers amounted to 41,850 thousand kwh. in Quebec, 17,026 thousand kwh. in Ontario, 26 thousand kwh. in Saskatchewan and 395 thousand kwh. in Yukon and N.W.T.

TABLE 2. Supply and Demand of Electric Energy  
July 1965

No.		Canada 1964	Canada	Newfoundland	Prince Edward Island	Nova Scotia
				thousand kwh.		
	<u>Supply of electric energy</u>					
	Net generation:					
1	Utilities - Hydro .....	6,841,984	6,539,938 <sup>r</sup>	159,185	-	26,032
2	Thermal .....	1,090,081	1,620,547	16,896	10,650	170,300
3	Totals .....	7,932,065	8,160,485 <sup>r</sup>	176,081	10,650	196,332
4	Industry - Hydro .....	2,427,533	2,351,526	36,932	-	2,622
5	Thermal .....	272,110	318,162	6,149	-	21,027
6	Totals .....	2,699,643	2,669,688	43,081	-	23,649
7	Grand total - Hydro .....	9,269,517	8,891,464 <sup>r</sup>	196,117	-	28,654
8	Thermal .....	1,362,191	1,938,709	23,045	10,650	191,327
9	Total net generation .....	10,631,708	10,830,173 <sup>r</sup>	219,162	10,650	219,981
	Energy imported:					
10	From other provinces .....	...	...	-	-	19
11	From United States .....	279,464	374,230	-	-	-
12	Totals .....	279,464	374,230	-	-	19
13	Total supply of electric energy .....	10,911,172	11,204,403	219,162	10,650	220,000
	<u>Demand for electric energy</u>					
	Sales:					
14	Domestic .....	1,726,280	1,854,222	17,269	3,960	45,137
15	Farm(1) .....	70,858	80,172	-	-	-
16	General service (commercial) .....	866,599	947,508	6,493	4,117	35,201
17	Power - Firm .....	6,397,719 <sup>r</sup>	6,806,441	180,273	824	82,127
18	Secondary .....	355,400 <sup>r</sup>	187,362 <sup>r</sup>	209	-	-
19	Total power .....	6,753,119 <sup>r</sup>	6,993,803	180,482	824	82,127
20	Street lighting .....	61,167	66,842	550	135	1,654
21	Total sales .....	9,478,023 <sup>r</sup>	9,942,547	204,794	9,036	164,119
	Energy exported:					
22	To other provinces - Firm .....	...	...	6,964	-	-
23	Secondary .....	...	...	-	-	26,528
24	To United States - Firm .....	64,634	50,729	-	-	-
25	Secondary .....	272,970	229,050	-	-	-
26	Total energy exported .....	337,604	279,779	6,964	-	26,528
27	Unallocated energy(2) .....	734,077 <sup>r</sup>	566,697	7,404	1,449	16,63
28	Distribution by non-respondents .....	361,468	415,380	-	165	12,716
29	Total demand for electric energy .....	10,911,172	11,204,403	219,162	10,650	220,000

(1) Many utilities cannot distinguish between domestic and farm, as they do not keep separate records.  
(2) Includes losses, unaccounted for, and cyclical billing adjustment.

TABLE 1. Preliminary Electric Energy Statistics

September 1965

New Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Yukon and N.W.T.	No.
thousand kwh.								
76,363	4,548,034	2,700,794	403,444	177,602	115,642	1,089,359	15,896	1
170,313	97,925	958,279	20,461	123,335	326,455	325,981	1,955	2
246,676	4,645,959	3,659,073	423,905	300,937	442,097	1,415,340	17,851	3
9,032	10,808	406,254	57,429	1,193	3,756	1,394	-	4
1,354	64	182,577	-	-	-	109,690	-	5
10,386	10,872	588,831	57,429	1,193	3,756	111,084	-	6
-	371,516	2,442	581	45,386	1,394	3,756	-	7
4,089	36,463	12,335	969	621	-	-	-	8
11,088	1,097	31,670	-	-	-	199	-	9
4,323	2,082	251,574	-	-	-	12,088	-	10
19,500	411,158	298,021	1,550	46,007	1,394	16,043	-	11
237,562	4,245,673	3,949,883	479,784	256,123	444,459	1,510,381	17,851	12
-	270,533	47,348	10,583	1,515	-	12,325	3,964	13
237,562	3,975,140	3,902,535	469,201	254,608	444,459	1,498,056	13,887	14

TABLE 2. Supply and Demand of Electric Energy

July 1965

New Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Yukon and N.W.T.	No.
thousand kwh.								
43,292	2,762,437 <sup>r</sup>	2,268,201	377,854	162,281 <sup>r</sup>	198,460	531,959	10,237	1
106,672	62,817	814,161	7,948	106,395	179,874	143,197	1,637	2
149,964	2,825,254 <sup>r</sup>	3,082,362	385,802	268,676 <sup>r</sup>	378,334	675,156	11,874	3
3,920	1,486,493	136,592	-	6,099	-	674,178	4,690	4
52,439	32,135	80,159	3,856	5,134	32,520	84,743	-	5
56,359	1,518,628	216,751	3,856	11,233	32,520	758,921	4,690	6
47,212	4,248,930 <sup>r</sup>	2,404,793	377,854	168,380 <sup>r</sup>	198,460	1,206,137	14,927	7
159,111	94,952	894,320	11,804	111,529	212,394	227,940	1,637	8
206,323	4,343,882 <sup>r</sup>	3,299,113	389,658	279,909 <sup>r</sup>	410,854	1,434,077	16,564	9
28,493	22,934	381,821	53,102	593	2,998	1,699	-	10
6,929	60	319,884	-	-	-	47,357	-	11
35,422	22,994	701,705	53,102	593	2,998	49,056	-	12
241,745	4,366,876	4,000,818	442,760	280,502	413,852	1,483,133	16,564	13
32,895	577,822	766,780	100,649	45,953	70,767	192,040	950	14
-	-	-	22,347	28,532	29,293	-	-	15
24,097	196,831	382,328	53,633	35,640	65,372	142,354	1,442	16
149,807	2,849,911	1,969,737	223,194	101,565	194,673	1,043,689	10,641	17
42 <sup>r</sup>	128,710	41,722 <sup>r</sup>	1,279 <sup>r</sup>	1,102	475 <sup>r</sup>	10,696	3,127	18
149,849	2,978,621	2,011,459	224,473	102,667	195,148	1,054,385	13,768	19
1,530	20,018	26,028	3,739	1,415	5,925	5,830	18	20
208,371	3,773,292	3,186,595	404,841	214,207	366,505	1,394,609	16,178	21
-	419,138	2,180	513	44,197	1,699	2,998	-	22
19	- 35,723	22,612	451	83	-	-	-	23
7,169	819	32,170	-	-	-	10,571	-	24
2,105	5,474	219,985	-	-	-	1,486	-	25
9,293	389,708	276,947	964	44,280	1,699	15,055	-	26
14,879	169,856	205,062	36,955	19,266	37,402	58,112	- 325	27
9,202	34,020	332,214	-	2,749	8,246	15,357	711	28
241,745	4,366,876	4,00,818	442,760	280,502	413,852	1,483,133	16,564	29

... Figures not appropriate or not applicable.



TABLE 3. Supply of Electric Energy

January - September 1965

Month	Total net generation	Imports from United States	Exports to United States	Net energy used in Canada	Secondary energy used in Canada	Firm energy used in Canada	Daily average, total net generation
thousand kwh.							
January .....	12,608,469	282,875	304,582	12,586,762	305,220	12,281,542	406,725
February .....	11,484,276	269,358	278,340	11,475,294	274,512	11,200,782	410,153
March .....	12,402,808	297,298	292,847	12,407,259	307,407	12,099,852	400,091
April .....	11,439,236	291,917	277,125	11,454,028	255,133	11,198,895	381,308
May .....	11,364,988	327,919	317,522	11,375,385	225,700	11,149,685	366,613
June .....	10,770,417	405,609	278,918	10,897,108	137,466	10,759,642	359,014
July .....	10,830,173 <sup>r</sup>	374,230	279,779	10,924,624 <sup>r</sup>	187,362 <sup>r</sup>	10,737,262 <sup>r</sup>	349,360 <sup>r</sup>
August .....	11,453,370	277,208	319,311	11,411,267	343,809	11,067,458	369,464
September .....	11,577,781	293,685	314,121	11,557,345	346,268	11,211,077	385,926
October .....							
November .....							
December .....							
Year .....							

<sup>r</sup> Revised figures.

TABLE 4. Sales of Electric Energy to Ultimate Customers

January - July 1965

Year and month	Domestic	Farm(1)	General service (commercial)	Firm power	Secondary power	Total power	Street lighting	Total sales to ultimate customers
thousand kwh.								
1964 .....	23,934,160	945,237	11,082,698	76,994,091 <sup>r</sup>	3,415,366	80,409,457 <sup>r</sup>	835,158	117,206,710 <sup>r</sup>
1965 - January ....	2,576,617	98,686	1,118,380	6,797,651 <sup>r</sup>	305,220	7,102,871 <sup>r</sup>	84,894	10,981,448 <sup>r</sup>
February ....	2,533,835	118,258	1,099,231	6,440,172 <sup>r</sup>	274,512	6,714,684 <sup>r</sup>	78,909	10,544,917 <sup>r</sup>
March .....	2,476,581	113,448	1,070,165	6,890,861 <sup>r</sup>	307,407	7,198,268 <sup>r</sup>	77,223	10,935,685 <sup>r</sup>
April .....	2,286,083	107,092	1,043,972	6,818,748 <sup>r</sup>	255,133	7,073,881 <sup>r</sup>	73,055	10,586,083 <sup>r</sup>
May .....	2,071,165	95,288	969,970	6,986,739 <sup>r</sup>	225,700	7,212,439 <sup>r</sup>	68,124	10,416,986 <sup>r</sup>
June .....	1,937,676	87,623	974,649	6,679,898 <sup>r</sup>	137,466	6,817,364 <sup>r</sup>	65,870	9,883,182 <sup>r</sup>
July .....	1,854,222	80,172	947,508	6,806,441	187,362 <sup>r</sup>	6,993,803	66,842	9,942,547
August .....								
September ..								
October .....								
November ...								
December ...								
Year .....								

(1) Many utilities cannot distinguish between domestic and farm, as they do not keep separate records.

<sup>r</sup> Revised figures.

TABLE 5. Net Generation, 1961-65

CANADA

Year and month	Utilities			Industry			Grand total
	Hydro	Thermal	Total	Hydro	Thermal	Total	
thousand kwh.							
1961 .....	82,014,614	7,049,079	89,063,693	21,660,132	2,497,588	24,157,720	113,221,413
1962 .....	80,861,406	10,781,660	91,643,066	22,789,817	2,570,288	25,360,105	117,003,171
1963 .....	80,214,421	15,428,726	95,643,147	23,102,958	2,811,630	25,914,588	121,557,735
1964 .....	84,888,835	17,588,035	102,476,870	28,336,790	3,478,537	31,815,237	134,292,197
1965 .....							
1965 - January ....	7,361,809	2,419,767	9,781,576	2,509,096	317,797	2,826,893	12,608,469
February ...	6,836,788	2,091,165	8,927,953	2,253,992	302,331	2,556,323	11,484,276
March .....	7,510,792	2,057,857	9,568,649	2,489,692	344,467	2,834,159	12,402,808
April .....	6,987,216	1,886,347	8,873,563	2,258,348	307,325	2,565,673	11,439,236
May .....	7,512,586	1,271,801	8,784,387	2,251,452	329,149	2,580,601	11,364,988
June .....	6,780,132	1,523,301	8,303,433	2,145,032	321,952	2,466,984	10,770,417
July .....	6,539,938 <sup>r</sup>	1,620,547	8,160,485 <sup>r</sup>	2,351,526	318,162	2,669,688	10,830,173 <sup>r</sup>
August .....	6,703,268	1,869,364	8,572,632	2,549,131	331,607	2,880,738	11,453,370
September ..	6,827,250	1,925,476	8,752,726	2,502,426	322,629	2,825,055	11,577,781
October ....							
November ...							
December ...							

<sup>r</sup> Revised figures.

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ELECTRIC POWER STATISTICS

OCTOBER 1965

Table 1 of this report contains preliminary statistics on energy generation, imports, exports and secondary for the month of October 1965. These preliminary statistics indicate that net generation increased 6.7 per cent to 12,567,345 thousand kwh. in October 1965 from 11,782,483 thousand kwh. generated one year ago.

Imports decreased to 280,000 thousand kwh. from 318,318 thousand kwh. and exports decreased to 309,610 thousand kwh. from 408,645 thousand kwh. in October 1964.

Table 2 shows detailed data concerning the amount of energy made available and the disposition of this energy for the month of August 1965. These figures include a breakdown of sales by rate categories for large utilities and industries while distribution by smaller utilities and industries is included in "distribution by non-respondents" (item 28). Distribution by non-respondents is the energy which is delivered by companies which report in this survey to companies which do not report. Consumption of own generation by industrial establishments is included in power sales. Comparable August 1964 data is shown for all categories.

Tables 3, 4 and 5 give final data for the months January to August 1965 and preliminary data for other months. In Table 3 the secondary energy includes both that used in electric boilers and that used for other purposes. In August of the 345,172 thousand kwh. of secondary energy 288,210 thousand kwh. were used in electric boilers and 56,962 thousand kwh. were used for other purposes.

The total generation for the twelve-month period ending October 31, 1965 amounted to 140,914,225 thousand kwh. compared to 140,129,363 thousand kwh. for the period ending in September.

Monthly electric power statistics are designed to provide current information on the production and consumption of electric energy in Canada. In order to expedite the collection and compilation of returns, the series is confined to firms which generate a minimum of 10 million kwh. per annum and to large distributors of electric energy. These firms accounted for 99.6 per cent of total production in 1962.

In the electric power series, net generation is defined as total generation less the amount used in station service.

Industry Division

December 1965  
511-513

TABLE 1. Preliminary Electric Energy Statistics  
October 1965

No.		Canada 1964	Canada	Newfoundland	Prince Edward Island	Nova Scotia
				thousand kwh.		
1	Net generation - Hydro .....	9,778,813	10,559,582	198,262	-	12,330
2	Thermal .....	2,003,670	2,007,763	31,928	11,985	196,391
3	Total net generation .....	11,782,483	12,567,345	230,190	11,985	208,721
	Energy imported:					
4	From other provinces .....	...	...	-	-	9,804
5	From United States .....	318,318	280,000	-	-	9,804
6	Totals .....	318,318	280,000	-	-	-
	Energy exported:					
7	To other provinces - Firm .....	...	...	6,859	-	-
8	Secondary .....	...	...	-	-	2,006
9	To United States - Firm .....	66,986	52,125	-	-	-
10	Secondary .....	341,659	257,485	-	-	-
11	Totals .....	408,645	309,610	6,859	-	2,006
12	Net energy used in Canada .....	11,692,156	12,537,735	223,331	11,985	216,519
13	Secondary energy used in Canada(1) .....	384,624 <sup>F</sup>	458,944	-	-	-
14	Firm energy used in Canada .....	11,307,532 <sup>F</sup>	12,078,791	223,331	11,985	216,519

(1) Secondary energy for use in other than electric boilers amounted to 41,117 thousand kwh. in Quebec, 17,589 thousand kwh. in Ontario, 48 thousand kwh. in Saskatchewan and 384 thousand kwh. in Yukon and N.W.T.

TABLE 2. Supply and Demand of Electric Energy  
August 1965

No.		Canada 1964	Canada	Newfoundland	Prince Edward Island	Nova Scotia
				thousand kwh.		
	<u>Supply of electric energy</u>					
	Net generation:					
1	Utilities - Hydro .....	6,568,027	6,703,268	154,218	-	21,540
2	Thermal .....	1,358,214	1,869,364	20,208	11,447	171,347
3	Totals .....	7,926,241	8,572,632	174,426	11,447	192,887
4	Industry - Hydro .....	2,480,664	2,549,131	32,250	-	2,284
5	Thermal .....	298,929	331,607	4,351	-	22,175
6	Totals .....	2,779,593	2,880,738	36,601	-	24,459
7	Grand total - Hydro .....	9,048,691	9,252,399	186,468	-	23,824
8	Thermal .....	1,657,143	2,200,971	24,559	11,447	193,522
9	Total net generation .....	10,705,834	11,453,370	211,027	11,447	217,346
	Energy imported:					
10	From other provinces .....	...	...	-	-	163
11	From United States .....	303,559	277,208	-	-	-
12	Totals .....	303,559	277,208	-	-	163
13	Total supply of electric energy .....	11,009,393	11,730,578	211,027	11,447	217,509
	<u>Demand for electric energy</u>					
	Sales:					
14	Domestic .....	1,590,229	1,744,677	16,745	3,857	44,245
15	Farm(1) .....	69,290	77,563	-	-	-
16	General service (commercial) .....	870,701	942,354	6,685	4,094	34,967
17	Power - Firm .....	6,456,737 <sup>F</sup>	6,779,642	172,168	1,302	80,599
18	Secondary .....	323,360 <sup>F</sup>	345,172 <sup>F</sup>	634	-	-
19	Total power .....	6,780,097 <sup>F</sup>	7,124,814	172,802	1,302	80,599
20	Street lighting .....	64,006	70,676	624	136	1,727
21	Total sales .....	9,374,323 <sup>F</sup>	9,960,084	196,856	9,389	161,538
	Energy exported:					
22	To other provinces - Firm .....	...	...	6,681	-	-
23	Secondary .....	...	...	-	-	18,239
24	To United States - Firm .....	60,484	41,823	-	-	-
25	Secondary .....	307,812	277,488	-	-	-
26	Total energy exported .....	368,296	319,311	6,681	-	18,239
27	Unallocated energy(2) .....	907,227 <sup>F</sup>	1,010,594	7,490	1,877	24,719
28	Distribution by non-respondents .....	359,547	440,589	-	181	13,013
29	Total demand for electric energy .....	11,009,393	11,730,578	211,027	11,447	217,509

(1) Many utilities cannot distinguish between domestic and farm, as they do not keep separate records.  
(2) Includes losses, unaccounted for, and cyclical billing adjustment.



TABLE 1. Preliminary Electric Energy Statistics  
October 1965

New Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Yukon and N.W.T.	No.
thousand kwh.								
117,452	5,153,851	3,011,215	453,569	179,083	157,006	1,259,715	17,099	1
172,278	45,131	770,912	10,405	127,191	302,133	336,651	2,758	2
289,730	5,198,982	3,782,127	463,974	306,274	459,139	1,596,366	19,857	3
4,476	11,647	523,749	51,661	6,679	3,641	1,620	-	4
775	73	226,856	-	-	-	52,296	-	5
5,251	11,720	750,605	51,661	6,679	3,641	53,916	-	6
-	394,576	-	559	47,620	1,620	3,641	-	7
9,804	131,089	8,210	6,674	619	-	-	-	8
17,882	1,334	32,727	-	-	-	182	-	9
6,803	-	221,954	-	-	-	28,728	-	10
34,489	526,999	262,891	7,233	48,239	1,620	32,551	-	11
260,492	4,683,703	4,269,841	508,402	264,714	461,160	1,617,731	19,857	12
-	358,060	57,110	17,223	914	-	21,135	4,502	13
260,492	4,325,643	4,212,731	491,179	263,800	461,160	1,596,596	15,355	14

TABLE 2. Supply and Demand of Electric Energy  
August 1965

New Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Yukon and N.W.T.	No.
thousand kwh.								
51,682	2,836,231	2,361,261	381,648	175,336	139,020	571,576	10,756	1
111,698	71,069	935,044	13,621	112,227	256,151	164,367	2,185	2
163,380	2,907,300	3,296,305	395,269	287,563	395,171	735,943	12,941	3
3,150	1,692,662	134,773	-	6,636	-	672,658	4,718	4
54,724	31,897	82,262	3,718	6,950	30,534	94,996	-	5
57,874	1,724,559	217,035	3,718	13,586	30,534	767,654	4,718	6
54,832	4,528,893	2,496,034	381,648	181,972	139,020	1,244,234	15,474	7
166,422	102,966	1,017,306	17,339	119,177	286,685	259,363	2,185	8
221,254	4,631,859	3,513,340	398,987	301,149	425,705	1,503,597	17,659	9
20,069	18,067	384,794	58,996	1,270	2,686	2,024	-	10
3,428	59	235,093	-	-	-	38,628	-	11
23,497	18,126	619,887	58,996	1,270	2,686	40,652	-	12
244,751	4,649,985	4,133,227	457,983	302,419	428,391	1,544,249	17,659	13
32,005	531,050	698,417	99,752	45,294	65,120	207,056	1,130	14
-	-	-	23,650	27,769	26,144	-	-	15
23,184	196,974	376,817	53,553	34,425	64,237	146,088	1,330	16
152,595	2,798,819	1,985,615	227,433	90,729	197,097	1,060,331	12,954	17
32 <sup>r</sup>	278,136 <sup>r</sup>	46,251 <sup>r</sup>	1,679 <sup>r</sup>	1,721	552 <sup>r</sup>	12,775	3,392 <sup>r</sup>	18
152,627	3,076,955	2,031,866	229,112	92,450	197,649	1,073,106	16,346	19
1,548	20,632	26,374	4,407	1,849	6,579	6,764	36	20
209,364	3,825,611	3,133,474	410,474	201,787	359,729	1,433,014	18,848	21
-	371,977	6,112	526	46,354	2,024	2,686	-	22
163	14,296	17,141	1,095	775	-	-	-	23
7,951	1,126	32,434	-	-	-	312	-	24
1,958	2,904	242,308	-	-	-	30,318	-	25
10,072	390,303	297,995	1,621	47,129	2,024	33,316	-	26
15,956	390,447	354,142	45,888	50,569	58,652	62,799	1,941	27
9,359	43,624	347,616	-	2,934	7,986	15,120	-	28
244,751	4,649,985	4,133,227	457,983	302,419	428,391	1,544,249	17,659	29

.. Figures not appropriate or not applicable.

TABLE 3. Supply of Electric Energy  
January - October 1965

Month	Total net generation	Imports from United States	Exports to United States	Net energy used in Canada	Secondary energy used in Canada	Firm energy used in Canada	Daily average, total net generation
thousand kwh.							
January .....	12,608,469	282,875	304,582	12,586,762	305,220	12,281,542	406,725
February .....	11,484,276	269,358	278,340	11,475,294	274,512	11,200,782	410,153
March .....	12,402,808	297,298	292,847	12,407,259	307,407	12,099,852	400,091
April .....	11,439,236	291,917	277,125	11,454,028	255,133	11,198,895	381,308
May .....	11,364,988	327,919	317,522	11,375,385	225,700	11,149,685	366,613
June .....	10,770,417	405,609	278,918	10,897,108	137,466	10,759,642	359,014
July .....	10,830,173 <sup>r</sup>	374,230	279,779	10,924,624 <sup>r</sup>	187,362 <sup>r</sup>	10,737,262 <sup>r</sup>	349,360 <sup>r</sup>
August .....	11,453,370	277,208	319,311	11,411,267	345,172 <sup>r</sup>	11,066,095 <sup>r</sup>	369,463
September .....	11,577,781	293,685	314,121	11,557,345	346,268	11,211,077	385,926
October .....	12,567,345	280,000	309,610	12,537,735	458,944	12,078,791	405,398
November .....							
December .....							
Year .....							

<sup>r</sup> Revised figures.

TABLE 4. Sales of Electric Energy to Ultimate Customers  
January - August 1965

Year and month	Domestic	Farm(1)	General service (commercial)	Firm power	Secondary power	Total power	Street lighting	Total sales to ultimate customers
thousand kwh.								
1964 .....	23,934,160	945,237	11,082,698	76,994,091 <sup>r</sup>	3,415,366	80,409,457 <sup>r</sup>	835,158	117,206,710 <sup>r</sup>
1965 - January ....	2,576,617	98,686	1,118,380	6,797,651 <sup>r</sup>	305,220	7,102,871 <sup>r</sup>	84,894	10,981,448 <sup>r</sup>
February ...	2,533,835	118,258	1,099,231	6,440,172 <sup>r</sup>	274,512	6,714,684 <sup>r</sup>	78,909	10,544,917 <sup>r</sup>
March .....	2,476,581	113,448	1,070,165	6,890,861 <sup>r</sup>	307,407	7,198,268 <sup>r</sup>	77,223	10,935,685 <sup>r</sup>
April .....	2,288,083	107,092	1,043,972	6,818,748 <sup>r</sup>	255,133	7,073,881 <sup>r</sup>	73,055	10,586,083 <sup>r</sup>
May .....	2,071,165	95,288	969,970	6,986,739 <sup>r</sup>	225,700	7,212,439 <sup>r</sup>	68,124	10,416,986 <sup>r</sup>
June .....	1,937,676	87,623	974,649	6,679,898 <sup>r</sup>	137,466	6,817,364 <sup>r</sup>	65,870	9,883,182 <sup>r</sup>
July .....	1,854,222	80,172	947,508	6,806,441	187,362 <sup>r</sup>	6,993,803	66,842	9,942,547
August .....	1,744,677	77,563	942,354	6,779,642	345,172 <sup>r</sup>	7,124,814	70,676	9,960,084
September ..								
October ....								
November ...								
December ...								
Year .....								

(1) Many utilities cannot distinguish between domestic and farm, as they do not keep separate records.

<sup>r</sup> Revised figures.

TABLE 5. Net Generation, 1961-65

CANADA

Year and month	Utilities			Industry			Grand total
	Hydro	Thermal	Total	Hydro	Thermal	Total	
	thousand kwh.						
1961 .....	82,014,614	7,049,079	89,063,693	21,660,132	2,497,588	24,157,720	113,221,411
1962 .....	80,861,406	10,781,660	91,643,066	22,789,817	2,570,288	25,360,105	117,003,171
1963 .....	80,214,421	15,428,726	95,643,147	23,102,958	2,811,630	25,914,588	121,557,733
1964 .....	84,888,835	17,588,035	102,476,870	28,336,790	3,478,537	31,815,237	134,292,107
1965 - January ....	7,361,809	2,419,767	9,781,576	2,509,096	317,797	2,826,893	12,608,469
February ...	6,836,788	2,091,165	8,927,953	2,253,992	302,331	2,556,323	11,484,276
March .....	7,510,792	2,057,857	9,568,649	2,489,692	344,467	2,834,159	12,402,808
April .....	6,987,216	1,886,347	8,873,563	2,258,348	307,325	2,565,673	11,439,236
May .....	7,512,586	1,271,801	8,784,387	2,251,452	329,149	2,580,601	11,364,988
June .....	6,780,132	1,523,301	8,303,433	2,145,032	321,952	2,466,984	10,770,417
July .....	6,539,938 <sup>r</sup>	1,620,547	8,160,485 <sup>r</sup>	2,351,526	318,162	2,669,688	10,830,173
August .....	6,703,268	1,869,364	8,572,632	2,549,131	331,607	2,880,738	11,453,370
September ..	6,827,250	1,925,476	8,752,726	2,502,426	322,629	2,825,055	11,577,781
October ....	7,978,059	1,680,818	9,658,877	2,581,523	326,945	2,908,468	12,567,345
November ...							
December ...							

<sup>r</sup> Revised figures.

CATALOGUE No.

57-001

MONTHLY

## DOMINION BUREAU OF STATISTICS

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ELECTRIC POWER STATISTICS

NOVEMBER 1965

Table 1 of this report contains preliminary statistics on energy generation, imports, exports and secondary for the month of November 1965. These preliminary statistics indicate that net generation increased 9.3 per cent to 12,986,408 thousand kwh. in November 1965 from 11,872,481 thousand kwh. generated one year ago.

Imports decreased to 246,926 thousand kwh. from 250,091 thousand kwh. and exports decreased to 299,020 thousand kwh. from 372,195 thousand kwh. in November 1964.

Table 2 shows detailed data concerning the amount of energy made available and the disposition of this energy for the month of September 1965. These figures include a breakdown of sales by rate categories for large utilities and industries while distribution by smaller utilities and industries is included in "distribution by non-respondents" (item 28). Distribution by non-respondents is the energy which is delivered by companies which report in this survey to companies which do not report. Consumption of own generation by industrial establishments is included in power sales. Comparable September 1964 data is shown for all categories.

Tables 3, 4 and 5 give final data for the months January to September 1965 and preliminary data for other months. In Table 3 the secondary energy includes both that used in electric boilers and that used for other purposes. In September of the 348,809 thousand kwh. of secondary energy 287,373 thousand kwh. were used in electric boilers and 61,436 thousand kwh. were used for other purposes.

The total generation for the twelve-month period ending November 30, 1965 amounted to 142,027,907 thousand kwh. compared to 140,913,980 thousand kwh. for the period ending in October.

Monthly electric power statistics are designed to provide current information on the production and consumption of electric energy in Canada. In order to expedite the collection and compilation of returns, the series is confined to firms which generate a minimum of 10 million kwh. per annum and to large distributors of electric energy. These firms accounted for 99.6 per cent of total production in 1962.

In the electric power series, net generation is defined as total generation less the amount used in station service.

Industry Division

January 1966  
511-513



TABLE 1. Preliminary Electric Energy Statistics

November 1965

No.		Canada 1964	Canada	Newfoundland	Prince Edward Island	Nova Scotia
				thousand kwh.		
1	Net generation - Hydro .....	9,671,519	10,677,299	216,826	-	18,411
2	Thermal .....	2,200,962	2,309,109	25,466	12,968	216,527
3	Total net generation .....	11,872,481	12,986,408	242,292	12,968	234,938
4	Energy imported:					7,622
5	From other provinces .....	...	...	-	-	-
6	From United States .....	250,091	246,926	-	-	7,622
7	Totals .....	250,091	246,926	-	-	-
8	Energy exported:					16,690
9	To other provinces - Firm .....	...	...	7,476	-	-
10	Secondary .....	...	...	-	-	4,301
11	To United States - Firm .....	67,323	52,163	-	-	-
12	Secondary .....	304,872	246,857	-	-	-
13	Totals .....	372,195	299,020	7,476	-	20,991
14	Net energy used in Canada .....	11,750,377	12,934,314	234,816	12,968	221,569
15	Secondary energy used in Canada(1) .....	339,126 <sup>F</sup>	436,912	-	-	-
16	Firm energy used in Canada .....	11,411,251 <sup>F</sup>	12,497,402	234,816	12,968	221,569

(1) Secondary energy for use in other than electric boilers amounted to 43,005 thousand kwh. in Quebec, 17,426 thousand kwh. in Ontario, 72 thousand kwh. in Saskatchewan and 489 thousand kwh. in Yukon and N.W.T.

TABLE 2. Supply and Demand of Electric Energy

September 1965

September 1965						
No.		Canada 1964	Canada	Newfoundland	Prince Edward Island	Nova Scotia
				thousand kwh.		
	<u>Supply of electric energy</u>					
	Net generation:					
1	Utilities - Hydro .....	6,474,740	6,827,250	149,087	-	15,230
2	Thermal .....	1,645,891	1,925,476	21,117	10,778	167,439
3	Totals .....	8,120,631	8,752,726	170,204	10,778	182,669
4	Industry - Hydro .....	2,441,809	2,500,685 <sup>F</sup>	36,727	-	1,498
5	Thermal .....	284,140	324,370 <sup>F</sup>	4,778	-	19,289
6	Totals .....	2,725,949	2,825,055	41,505	-	20,787
7	Grand total - Hydro .....	8,916,549	9,327,935 <sup>F</sup>	185,814	-	16,728
8	Thermal .....	1,930,031	2,249,846 <sup>F</sup>	25,895	10,778	186,728
9	Total net generation .....	10,846,580	11,577,781	211,709	10,778	203,456
	Energy imported:					
10	From other provinces .....	...	...	-	-	3,614
11	From United States .....	263,780	293,685	-	-	-
12	Totals .....	263,780	293,685	-	-	3,614
13	Total supply of electric energy .....	11,110,360	11,871,466	211,709	10,778	207,070
	<u>Demand for electric energy</u>					
	Sales:					
14	Domestic .....	1,689,896	1,774,138	17,335	4,291	43,075
15	Farm(1) .....	68,877	71,962	-	-	-
16	General service (commercial) .....	883,038	955,296	6,664	4,265	35,023
17	Power - Firm .....	6,482,603 <sup>F</sup>	6,826,154	172,383	1,390	83,525
18	Secondary .....	311,876 <sup>F</sup>	348,809 <sup>F</sup>	-	-	-
19	Total power .....	6,794,479 <sup>F</sup>	7,174,963	172,383	1,390	83,525
20	Street lighting .....	69,184	73,311	696	145	1,787
21	Total sales .....	9,505,474 <sup>F</sup>	10,049,670	197,078	10,091	163,410
	Energy exported:					
22	To other provinces - Firm .....	...	...	6,978	-	-
23	Secondary .....	...	...	-	-	6,950
24	To United States - Firm .....	61,303	44,054	-	-	-
25	Secondary .....	305,482	270,067	-	-	-
26	Total energy exported .....	366,785	314,121	6,978	-	6,950
27	Unallocated energy(2) .....	855,268 <sup>F</sup>	1,039,373	7,653	503	23,680
28	Distribution by non-respondents .....	382,833	468,302	-	184	13,030
29	Total demand for electric energy .....	11,110,360	11,871,466	211,709	10,778	207,070

(1) Many utilities cannot distinguish between domestic and farm, as they do not keep separate records.

(2) Includes losses, unaccounted for, and cyclical billing adjustment.

TABLE 1. Preliminary Electric Energy Statistics  
November 1965

New Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Yukon and N.W.T.	No.
thousand kwh.								
113,980	5,043,495	3,127,380	515,649	110,167	124,481	1,388,334	18,576	1
147,359	134,230	883,306	13,638	213,914	388,608	270,238	2,855	2
261,339	5,177,725	4,010,686	529,287	324,081	513,089	1,658,572	21,431	3
23,307	12,748	429,671	49,766	19,550	3,139	2,923	-	4
371	81	204,322	-	-	-	42,152	-	5
23,678	12,829	633,993	49,766	19,550	3,139	45,075	-	6
-	379,606	-	577	48,684	2,923	3,139	-	7
7,935	51,804	5,677	19,550	364	-	-	-	8
19,187	1,256	31,508	-	-	-	212	-	9
5,901	-	198,583	-	-	-	42,373	-	10
33,023	432,666	235,768	20,127	49,048	2,923	45,724	-	11
251,994	4,757,888	4,408,911	558,926	294,583	513,305	1,657,923	21,431	12
-	328,109	59,918	24,209	1,134	-	18,462	5,080	13
251,994	4,429,779	4,348,993	534,717	293,449	513,305	1,639,461	16,351	14

TABLE 2. Supply and Demand of Electric Energy  
September 1965

New Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Yukon and N.W.T.	No.
thousand kwh.								
73,302	2,894,885	2,569,054	403,444	171,077	115,642	423,914	11,615	1
118,123	66,671	880,703	16,850	116,710	293,414	231,716	1,955	2
191,425	2,961,556	3,449,757	420,294	287,787	409,056	655,630	13,570	3
3,061	1,651,408 <sup>r</sup>	131,740	-	6,525	-	665,445	4,281	4
52,190	32,995 <sup>r</sup>	77,576	3,611	6,625	33,041	94,265	-	5
55,251	1,684,403	209,316	3,611	13,150	33,041	759,710	4,281	6
76,363	4,546,293 <sup>r</sup>	2,700,794	403,444	177,602	115,642	1,089,359	15,896	7
170,313	99,666 <sup>r</sup>	958,279	20,461	123,335	326,455	325,921	1,955	8
246,676	4,645,959	3,659,073	423,905	300,937	442,097	1,415,340	17,851	9
9,032	10,808	406,254	57,429	1,193	3,756	1,394	-	10
1,354	64	182,577	-	-	-	109,690	-	11
10,386	10,872	588,831	57,429	1,193	3,756	111,084	-	12
257,062	4,656,831	4,247,904	481,334	302,130	445,853	1,526,424	17,851	13
33,369	464,943	763,985	111,825	47,720	76,804	209,482	1,309	14
-	-	-	23,306	25,083	23,573	-	-	15
22,121	168,108	414,186	56,484	34,407	64,203	148,443	1,392	16
162,804	2,802,582	2,019,584	229,709	95,350	208,991	1,040,064	9,772	17
25 <sup>r</sup>	270,532 <sup>r</sup>	50,630 <sup>r</sup>	10,445 <sup>r</sup>	1,515	256 <sup>r</sup>	12,325	3,081 <sup>r</sup>	18
162,829	3,073,114	2,070,214	240,154	96,865	209,247	1,052,389	12,853	19
1,388	21,238	25,927	5,123	2,143	7,665	7,153	46	20
219,707	3,727,403	3,274,312	436,892	206,218	381,492	1,417,467	15,600	21
-	371,516	-	581	45,386	1,394	3,756	-	22
4,089	36,463	14,777 <sup>r</sup>	969	621	-	-	-	23
11,088	1,097	31,670	-	-	-	199	-	24
4,323	2,082	251,574	-	-	-	12,088	-	25
19,500	411,158	298,021	1,550	46,007	1,394	16,043	-	26
14,657	471,432	299,124	42,892	46,974	54,202	76,907	1,349	27
3,198	46,838	376,447	-	2,931	8,765	16,007	902	28
257,062	4,656,831	4,247,904	481,334	302,130	445,853	1,526,424	17,851	29

... Figures not appropriate or not applicable.

TABLE 3. Supply of Electric Energy

January - November 1965

Month	Total net generation	Imports from United States	Exports to United States	Net energy used in Canada	Secondary energy used in Canada	Firm energy used in Canada	Daily average, total net generation
thousand kwh.							
January .....	12,608,469	282,875	304,582	12,586,762	305,220	12,281,542	406,725
February .....	11,484,276	269,358	278,340	11,475,294	274,512	11,200,782	410,153
March .....	12,402,808	297,298	292,847	12,407,259	307,407	12,099,852	400,091
April .....	11,439,236	291,917	277,125	11,454,028	255,133	11,198,895	381,308
May .....	11,364,988	327,919	317,522	11,375,385	225,700	11,149,685	366,613
June .....	10,770,417	405,609	278,918	10,897,108	137,466	10,759,642	359,014
July .....	10,830,173	374,230	279,779	10,924,624	187,362	10,737,262	349,360
August .....	11,453,370	277,208	319,311	11,411,267	345,172	11,066,095	369,463
September .....	11,577,781	293,685	314,121	11,557,345	348,809 <sup>r</sup>	11,208,536 <sup>r</sup>	385,926
October .....	12,567,345	280,000	309,610	12,537,735	458,944	12,078,791	405,398
November .....	12,986,408	246,926	299,020	12,934,314	436,912	12,497,402	432,880
December .....							
Year .....							

<sup>r</sup> Revised figures.

TABLE 4. Sales of Electric Energy to Ultimate Customers

January - September 1965

Year and month	Domestic	Farm(1)	General service (commercial)	Firm power	Secondary power	Total power	Street lighting	Total sales to ultimate customers
thousand kwh.								
1964 .....	23,934,160	945,237	11,082,698	76,994,091	3,415,366	80,409,457	835,158	117,206,710
1965 - January ....	2,576,617	98,686	1,118,380	6,796,731 <sup>r</sup>	305,220	7,101,951 <sup>r</sup>	84,894	10,980,528 <sup>r</sup>
February ...	2,533,835	118,258	1,099,231	6,440,512 <sup>r</sup>	274,512	6,715,024 <sup>r</sup>	78,909	10,545,257 <sup>r</sup>
March .....	2,476,581	113,448	1,070,166 <sup>r</sup>	6,888,873 <sup>r</sup>	307,407	7,196,280 <sup>r</sup>	76,975 <sup>r</sup>	10,933,450 <sup>r</sup>
April .....	2,288,083	107,092	1,043,971 <sup>r</sup>	6,813,094 <sup>r</sup>	255,133	7,068,227 <sup>r</sup>	72,466 <sup>r</sup>	10,579,839 <sup>r</sup>
May .....	2,071,165	95,288	970,003 <sup>r</sup>	6,982,292 <sup>r</sup>	225,700	7,207,992 <sup>r</sup>	68,962 <sup>r</sup>	10,413,410 <sup>r</sup>
June .....	1,937,676	87,623	974,616 <sup>r</sup>	6,684,109 <sup>r</sup>	137,466	6,821,575 <sup>r</sup>	65,870	9,887,360 <sup>r</sup>
July .....	1,854,222	80,172	947,508	6,813,301 <sup>r</sup>	187,362	7,000,663 <sup>r</sup>	66,842	9,949,407 <sup>r</sup>
August .....	1,744,677	77,563	942,354	6,779,642	345,172	7,124,814	70,676	9,960,084
September ..	1,774,138	71,962	955,296	6,826,154	348,809	7,174,963	73,311	10,049,670
October .....								
November .....								
December ....								
Year .....								

(1) Many utilities cannot distinguish between domestic and farm, as they do not keep separate records.

<sup>r</sup> Revised figures.

TABLE 5. Net Generation, 1961-65

CANADA

Year and month	Utilities			Industry			Grand total
	Hydro	Thermal	Total	Hydro	Thermal	Total	
	thousand kwh.						
1961 .....	82,014,614	7,049,079	89,063,693	21,660,132	2,497,588	24,157,720	113,221,413
1962 .....	80,861,406	10,781,660	91,643,066	22,789,817	2,570,288	25,360,105	117,003,171
1963 .....	80,214,421	15,428,726	95,643,147	23,102,958	2,811,630	25,914,588	121,557,735
1964 .....	84,888,835	17,588,035	102,476,870	28,336,790	3,478,537	31,815,327 <sup>r</sup>	134,292,197
1965 - January ....	7,361,809	2,419,767	9,781,576	2,509,096	317,797	2,826,893	12,608,469
February ...	6,836,788	2,091,165	8,927,953	2,253,992	302,331	2,556,323	11,484,276
March .....	7,510,792	2,057,857	9,568,649	2,489,692	344,467	2,834,159	12,402,808
April .....	6,987,216	1,886,347	8,873,563	2,258,348	307,325	2,565,673	11,439,236
May .....	7,512,586	1,271,801	8,784,387	2,251,452	329,149	2,580,601	11,364,988
June .....	6,780,132	1,523,301	8,303,433	2,145,032	321,952	2,466,984	10,770,417
July .....	6,539,938	1,620,547	8,160,485	2,351,526	318,162	2,669,688	10,830,173
August .....	6,703,268	1,869,364	8,572,632	2,549,131	331,607	2,880,738	11,453,370
September ..	6,827,250	1,925,476	8,752,726	2,500,685 <sup>r</sup>	324,370 <sup>r</sup>	2,825,055	11,577,781
October ....	7,978,059	1,680,818	9,658,877	2,581,523	326,945	2,908,468	12,567,345
November ...	8,067,709	1,982,299	10,050,008	2,609,590	326,810	2,936,400	12,986,408
December ...							

Revised figures.



CATALOGUE No.

57-001

MONTHLY

## DOMINION BUREAU OF STATISTICS

(OTTAWA - CANADA)

(Published by Authority of the Minister of Trade and Commerce)

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ELECTRIC POWER STATISTICS

DECEMBER 1965

Table 1 of this report contains preliminary statistics on energy generation, imports, exports and secondary for the month of December 1965. These preliminary statistics indicate that net generation increased 9.0 per cent to 13,674,876 thousand wh. in December 1965 from 12,542,881 thousand kwh. generated one year ago.

Imports decreased to 230,614 thousand kwh. from 268,293 thousand kwh. and exports decreased to 299,057 thousand kwh. from 301,821 thousand kwh. in December 1964.

Table 2 shows detailed data concerning the amount of energy made available and the disposition of this energy for the month of October 1965. These figures include breakdown of sales by rate categories for large utilities and industries while distribution by smaller utilities and industries is included in "distribution by non-respondents" (item 28). Distribution by non-respondents is the energy which is delivered by companies which report in this survey to companies which do not report. Consumption of own generation by industrial establishments is included in power sales. Comparable October 1964 data is shown for all categories.

Tables 3, 4 and 5 give final data for the months January to October 1965 and preliminary data for other months. In Table 3 the secondary energy includes both that used in electric boilers and that used for other purposes. In October of the 11,476 thousand kwh. of secondary energy 442,309 thousand kwh. were used in electric boilers and 59,167 thousand kwh. were used for other purposes.

The total generation for the twelve-month period ending December 31, 1965 amounted to 143,160,854 thousand kwh. compared to 142,028,859<sup>r</sup> thousand kwh. for the period ending in November.

Monthly electric power statistics are designed to provide current information on the production and consumption of electric energy in Canada. In order to expedite the collection and compilation of returns, the series is confined to firms which generate a minimum of 10 million kwh. per annum and to large distributors of electric energy. These firms accounted for 99.6 per cent of total production in 1962.

In the electric power series, net generation is defined as total generation less the amount used in station service.

Revised figure.

Industry Division

February 1966  
111-513

TABLE 1. Preliminary Electric Energy Statistics

December 1965

No.		Canada 1964	Canada	Newfoundland	Prince Edward Island	Nova Scotia
				thousand kwh.		
1	Net generation - Hydro .....	9,975,976	11,104,131	231,046	-	22,808
2	Thermal .....	2,566,905	2,570,745	21,074	14,107	230,606
3	Total net generation .....	12,542,881	13,674,876	252,120	14,107	253,414
	Energy imported:					
4	From other provinces .....	...	...	-	-	5,199
5	From United States .....	268,293	230,614	-	-	-
6	Totals .....	268,293	230,614	-	-	5,199
	Energy exported:					
7	To other provinces - Firm .....	...	...	8,206	-	16,964
8	Secondary .....	...	...	-	-	7,271
9	To United States - Firm .....	66,305	48,860	-	-	-
10	Secondary .....	235,516	250,197	-	-	-
11	Totals .....	301,821	299,057	8,206	-	24,235
12	Net energy used in Canada .....	12,509,353	13,606,433	243,914	14,107	234,378
13	Secondary energy used in Canada(1) .....	283,141	468,542	922	-	-
14	Firm energy used in Canada .....	12,226,212	13,137,891	242,992	14,107	234,378

(1) Secondary energy for use in other than electric boilers amounted to 44,781 thousand kwh. in Quebec, 15,071 thousand kwh. in Ontario, 88 thousand kwh. in Saskatchewan and 466 thousand kwh. in Yukon and N.W.T.

TABLE 2. Supply and Demand of Electric Energy

October 1965

		Canada 1964	Canada	Newfoundland	Prince Edward Island	Nova Scotia
				thousand kwh.		
	<u>Supply of electric energy</u>					
	Net generation:					
1	Utilities - Hydro .....	7,119,390	7,978,870 <sup>†</sup>	160,066	-	10,802
2	Thermal .....	1,700,881	1,680,818	26,441	11,985	177,311
3	Totals .....	8,820,271	9,659,688 <sup>†</sup>	186,507	11,985	188,113
4	Industry - Hydro .....	2,659,423	2,581,523	38,196	-	1,528
5	Thermal .....	302,789	326,945	5,487	-	19,080
6	Totals .....	2,962,212	2,908,468	43,683	-	20,608
7	Grand total - Hydro .....	9,778,813	10,560,393 <sup>†</sup>	198,262	-	12,330
8	Thermal .....	2,003,670	2,007,763	31,928	11,985	196,391
9	Total net generation .....	11,782,483	12,568,156 <sup>†</sup>	230,190	11,985	208,721
	Energy imported:					
10	From other provinces .....	...	...	-	-	9,804
11	From United States .....	318,318	280,000	-	-	-
12	Totals .....	318,318	280,000	-	-	9,804
13	Total supply of electric energy .....	12,100,801	12,848,156	230,190	11,985	218,525
	<u>Demand for electric energy</u>					
	Sales:					
14	Domestic .....	1,962,156	2,116,958	19,346	4,345	46,343
15	Farm(1) .....	69,707	71,754	-	-	-
16	General service (commercial) .....	927,122	1,044,699	7,129	4,419	35,868
17	Power - Firm .....	6,805,140 <sup>†</sup>	7,177,557	185,049	1,207	83,092
18	Secondary .....	384,624 <sup>†</sup>	501,476 <sup>†</sup>	-	-	-
19	Total power .....	7,189,764 <sup>†</sup>	7,679,033	185,049	1,207	83,092
20	Street lighting .....	73,825	80,783	789	145	1,900
21	Total sales .....	10,222,574 <sup>†</sup>	10,993,227	212,313	10,116	167,205
	Energy exported:					
22	To other provinces - Firm .....	...	...	6,859	-	-
23	Secondary .....	...	...	-	-	2,001
24	To United States - Firm .....	66,986	52,125	-	-	-
25	Secondary .....	341,659	257,485	-	-	-
26	Total energy exported .....	408,645	309,610	6,859	-	2,000
27	Unallocated energy(2) .....	1,046,497 <sup>†</sup>	1,046,676	11,018	1,644	34,821
28	Distribution by non-respondents .....	423,085	498,643	-	225	14,49
29	Total demand for electric energy .....	12,100,801	12,848,156	230,190	11,985	218,525

(1) Many utilities cannot distinguish between domestic and farm, as they do not keep separate records.

(2) Includes losses, unaccounted for, and cyclical billing adjustment.

TABLE 1. Preliminary Electric Energy Statistics

December 1965

New Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Yukon and N.W.T.	No.
thousand kwh.								
82,379	5,292,088	3,235,832	565,493	115,363	127,810	1,404,391	26,921	1
168,573	108,570	1,045,045	14,240	228,437	422,971	314,322	2,800	2
250,952	5,400,658	4,280,877	579,733	343,800	550,781	1,718,713	29,721	3
29,203	14,978	439,403	51,721	33,539	2,187	6,270	-	4
499	94	178,453	-	-	-	51,568	-	5
29,702	15,072	617,856	51,721	33,539	2,187	57,838	-	6
-	388,097	-	604	50,658	6,270	2,187	-	7
5,199	55,751	7,778	33,458	57	-	-	-	8
14,949	1,424	32,265	-	-	-	222	-	9
6,376	246	192,139	-	-	-	51,436	-	10
26,524	445,518	232,182	34,062	50,715	6,270	53,845	-	11
254,130	4,970,212	4,666,551	597,392	326,624	546,698	1,722,706	29,721	12
-	354,826	60,986	20,734	1,016	-	23,805	6,253	13
254,130	4,615,386	4,605,565	576,658	325,608	546,698	1,698,901	23,468	14

TABLE 2. Supply and Demand of Electric Energy

October 1965

New Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Yukon and N.W.T.	No.
thousand kwh.								
112,372	3,466,516 <sup>r</sup>	2,862,270	453,569	172,663	157,006	570,239	13,367	1
114,857	13,493	687,130	7,269	119,794	274,511	245,269	2,758	2
227,229	3,480,009 <sup>r</sup>	3,549,400	460,838	292,457	431,517	815,508	16,125	3
5,080	1,688,146	148,945	-	6,420	-	689,476	3,732	4
57,421	31,638	83,782	3,136	7,397	27,622	91,382	-	5
62,501	1,719,784	232,727	3,136	13,817	27,622	780,858	3,732	6
117,452	5,154,662 <sup>r</sup>	3,011,215	453,569	179,083	157,006	1,259,715	17,099	7
172,278	45,131	770,912	10,405	127,191	302,133	336,651	2,758	8
289,730	5,199,793 <sup>r</sup>	3,782,127	463,974	306,274	459,139	1,596,366	19,857	9
5,448 <sup>r</sup>	11,647	522,797 <sup>r</sup>	51,661	6,679	3,641	1,620	-	10
775	73	226,856	-	-	-	52,296	-	11
6,223 <sup>r</sup>	11,720	749,653 <sup>r</sup>	51,661	6,679	3,641	53,916	-	12
295,953	5,211,513	4,531,780	515,635	312,953	462,780	1,650,282	19,857	13
38,799	597,722	890,333	128,442	55,992	79,755	254,576	1,305	14
-	-	-	23,252	30,184	18,318	-	-	15
24,005	232,176	410,412	59,439	43,834	63,492	162,152	1,773	16
173,999	2,994,569	2,084,120	238,688	99,854	210,907	1,095,640	10,432	17
71 <sup>r</sup>	398,594 <sup>r</sup>	60,432 <sup>r</sup>	16,461 <sup>r</sup>	914	271 <sup>r</sup>	21,135	3,598 <sup>r</sup>	18
174,070	3,393,163	2,144,552	255,149	100,768	211,178	1,116,775	14,030	19
1,610	22,154	27,584	6,113	2,698	9,166	8,592	32	20
238,484	4,245,215	3,472,881	472,395	233,476	381,909	1,542,095	17,140	21
-	394,596 <sup>r</sup>	-	559	47,620	1,620	3,641	-	22
9,804	131,089	8,210	6,674	619	-	-	-	23
17,882	1,334	32,727	-	-	-	182	-	24
6,803	-	221,954	-	-	-	28,728	-	25
34,489	527,019 <sup>r</sup>	262,891	7,233	48,239	1,620	32,551	-	26
18,922	380,929	405,732	36,007	28,344	70,060	57,475	1,723	27
4,058	58,350	390,276	-	2,894	9,191	18,161	994	28
295,953	5,211,513	4,531,780	515,635	312,953	462,780	1,650,282	19,857	29

... Figures not appropriate or not applicable.



TABLE 3. Supply of Electric Energy  
January - December 1965

Month	Total net generation	Imports from United States	Exports to United States	Net energy used in Canada	Secondary energy used in Canada	Firm energy used in Canada	Daily average, total net generation
thousand kwh.							
January .....	12,608,469	282,875	304,582	12,586,762	305,220	12,281,542	406,725
February .....	11,484,276	269,358	278,340	11,475,294	274,512	11,200,782	410,153
March .....	12,402,808	297,298	292,847	12,407,259	307,407	12,099,852	400,091
April .....	11,439,236	291,917	277,125	11,454,028	255,133	11,198,895	381,308
May .....	11,364,988	327,919	317,522	11,375,385	225,700	11,149,685	366,613
June .....	10,770,417	405,609	278,918	10,897,108	137,466	10,759,642	359,014
July .....	10,830,173	374,230	279,779	10,924,624	187,362	10,737,262	349,360
August .....	11,453,370	277,208	319,311	11,411,267	345,172	11,066,095	369,463
September .....	11,577,781	293,685	314,121	11,557,345	348,809 <sup>r</sup>	11,208,536 <sup>r</sup>	385,926
October .....	12,568,156 <sup>r</sup>	280,000	309,610	12,538,546 <sup>r</sup>	501,476 <sup>r</sup>	12,037,070 <sup>r</sup>	405,424 <sup>r</sup>
November .....	12,986,408	246,926	299,020	12,934,314	436,912	12,497,402	432,880
December .....	13,674,876	230,614	299,057	13,606,433	468,542	13,137,891	441,125
Year .....	143,160,958	3,577,639	3,570,232	143,168,365	3,793,711	139,374,654	392,222

<sup>r</sup> Revised figures.

TABLE 4. Sales of Electric Energy to Ultimate Customers  
January - October 1965

Year and month	Domestic	Farm(1)	General service (commercial)	Firm power	Secondary power	Total power	Street lighting	Total sales to ultimate customers
thousand kwh.								
1964 .....	23,934,160	945,237	11,082,698	76,994,091	3,415,366	80,409,457	835,158	117,206,710
1965 - January ....	2,576,617	98,686	1,118,380	6,796,731 <sup>r</sup>	305,220	7,101,951 <sup>r</sup>	84,894	10,980,528 <sup>r</sup>
February ...	2,533,835	118,258	1,099,231	6,440,512 <sup>r</sup>	274,512	6,715,024 <sup>r</sup>	78,909	10,545,257 <sup>r</sup>
March .....	2,476,581	113,448	1,070,166 <sup>r</sup>	6,888,873 <sup>r</sup>	307,407	7,196,280 <sup>r</sup>	76,975 <sup>r</sup>	10,933,450 <sup>r</sup>
April .....	2,288,083	107,092	1,043,971 <sup>r</sup>	6,813,094 <sup>r</sup>	255,133	7,068,227 <sup>r</sup>	72,466 <sup>r</sup>	10,579,839 <sup>r</sup>
May .....	2,071,165	95,288	970,003 <sup>r</sup>	6,982,292 <sup>r</sup>	225,700	7,207,992 <sup>r</sup>	68,962 <sup>r</sup>	10,413,410 <sup>r</sup>
June .....	1,937,676	87,623	974,616 <sup>r</sup>	6,684,109 <sup>r</sup>	137,466	6,821,575 <sup>r</sup>	65,870	9,887,360 <sup>r</sup>
July .....	1,854,222	80,172	947,508	6,813,301 <sup>r</sup>	187,362	7,000,663 <sup>r</sup>	66,842	9,949,407 <sup>r</sup>
August .....	1,744,677	77,563	942,354	6,779,642	345,172	7,124,814	70,676	9,960,084
September ..	1,774,138	71,962	955,296	6,826,154	348,809	7,174,963	73,311	10,049,670
October ....	2,116,958	71,754	1,044,699	7,177,557	501,476 <sup>r</sup>	7,679,033	80,783	10,993,227
November ...								
December ...								
Year .....								

(1) Many utilities cannot distinguish between domestic and farm, as they do not keep separate records.

<sup>r</sup> Revised figures.

TABLE 5. Net Generation, 1961-65  
CANADA

Year and month	Utilities			Industry			Grand total
	Hydro	Thermal	Total	Hydro	Thermal	Total	
thousand kwh.							
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1962 .....	80,861,406	10,781,660	91,643,066	22,789,817	2,570,288	25,360,105	117,003,171
1963 .....	80,214,421	15,428,726	95,643,147	23,102,958	2,811,630	25,914,588	121,557,735
1964 .....	84,888,835	17,588,035	102,476,870	28,336,790	3,478,537	31,815,327 <sup>r</sup>	134,292,197
1965 .....	87,490,908	22,572,718	110,063,626	29,221,389	3,875,943	33,097,332	143,160,958
1965 - January ....	7,361,809	2,419,767	9,781,576	2,509,096	317,797	2,826,893	12,608,469
February ...	6,836,788	2,091,165	8,927,953	2,253,992	302,331	2,556,323	11,484,276
March .....	7,510,792	2,057,857	9,568,649	2,489,692	344,467	2,834,159	12,402,808
April .....	6,987,216	1,886,347	8,873,563	2,258,348	307,325	2,565,673	11,439,236
May .....	7,512,586	1,271,801	8,784,387	2,251,452	329,149	2,580,601	11,364,988
June .....	6,780,132	1,523,301	8,303,433	2,145,032	321,952	2,466,984	10,770,417
July .....	6,539,938	1,620,547	8,160,485	2,351,526	318,162	2,669,688	10,830,173
August .....	6,703,268	1,869,364	8,572,632	2,549,131	331,607	2,880,738	11,453,370
September ..	6,827,250	1,925,476	8,752,726	2,500,685 <sup>r</sup>	324,370 <sup>r</sup>	2,825,055	11,577,781
October ....	7,498,800 <sup>r</sup>	1,680,818	9,179,618 <sup>r</sup>	2,581,523	326,945	2,908,468	12,568,156 <sup>r</sup>
November ...	8,067,709	1,982,299	10,050,008	2,609,590	326,810	2,936,400	12,986,408
December ...	8,384,550	2,243,976	10,628,526	2,719,581	326,769	3,046,350	13,674,876

<sup>r</sup> Revised figures.

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MONTHLY

# DOMINION BUREAU OF STATISTICS

OTTAWA - CANADA

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## ELECTRIC POWER STATISTICS

JANUARY 1966

APR 4 - 1966

ONTARIO

Table 1 of this report contains preliminary statistics on energy generation, imports, exports and secondary for the month of January 1966. These preliminary statistics indicate that net generation increased 10.9 per cent to 13,981,610 thousand kwh. in January 1966 from 12,608,469 thousand kwh. generated one year ago.

Imports decreased to 245,055 thousand kwh. from 282,875 thousand kwh. and exports increased to 310,027 thousand kwh. from 304,582 thousand kwh. in January 1965.

Table 2 shows detailed data concerning the amount of energy made available and the disposition of this energy for the month of November 1965. These figures included a breakdown of sales by rate categories for large utilities and industries while distribution by smaller utilities and industries is included in "distribution by non-respondents" (item 28). Distribution by non-respondents is the energy which is delivered by companies which report in this survey to companies which do not report. Consumption of own generation by industrial establishments is included in power sales. Comparable November 1964 data is shown for all categories.

Tables 3, 4 and 5 give final data for the months January to November 1965 and preliminary data for other months. In Table 3 the secondary energy includes both that used in electric boilers and that used for other purposes. In November of the 478,275 thousand kwh. of secondary energy 416,919 thousand kwh. were used in electric boilers and 61,356 thousand kwh. were used for other purposes.

The total generation for the twelve-month period ending January 31, 1966 amounted to 144,533,995 thousand kwh. compared to 143,160,854<sup>r</sup> thousand kwh. for the period ending in December.

Monthly electric power statistics are designed to provide current information on the production and consumption of electric energy in Canada. In order to expedite the collection and compilation of returns, the series is confined to firms which generate a minimum of 10 million kwh. per annum and to large distributors of electric energy. These firms accounted for 99.6 per cent of total production in 1962.

In the electric power series, net generation is defined as total generation less the amount used in station service.

Revised figure.

Industry Division

March 1966  
511-513

TABLE 1. Preliminary Electric Energy Statistics  
January 1966

No.		Canada 1965	Canada	Newfoundland	Prince Edward Island	Nova Scotia
				thousand kwh.		
1	Net generation - Hydro .....	9,870,905	11,234,054	232,277	-	25,093
2	Thermal .....	2,737,564	2,747,556	20,674	13,757	234,963
3	Total net generation .....	12,608,469	13,981,610	252,951	13,757	260,056
	Energy imported:					
4	From other provinces .....	...	...	-	-	936
5	From United States .....	282,875	245,055	-	-	-
6	Totals .....	282,875	245,055	-	-	936
	Energy exported:					
7	To other provinces - Firm .....	...	...	7,190	-	11,848
8	Secondary .....	...	...	-	-	7,632
9	To United States - Firm .....	66,250	50,630	-	-	-
10	Secondary .....	238,332	259,397	-	-	-
11	Totals .....	304,582	310,027	7,190	-	19,480
12	Net energy used in Canada .....	12,586,762	13,916,638	245,761	13,757	241,512
13	Secondary energy used in Canada .....	305,220 <sup>r</sup>	296,616	-	-	-
14	Firm energy used in Canada .....	12,281,542 <sup>r</sup>	13,620,022	245,761	13,757	241,512

TABLE 2. Supply and Demand of Electric Energy  
November 1965

		Canada 1964	Canada	Newfoundland	Prince Edward Island	Nova Scotia
thousand kwh.						
<u>Supply of electric energy</u>						
Net generation:						
1	Utilities - Hydro .....	7,169,279	8,067,709	180,233	-	16,461
2	Thermal .....	1,905,537	1,982,195 <sup>r</sup>	20,245	12,968	195,668
3	Totals .....	9,074,816	10,049,904 <sup>r</sup>	200,478	12,968	212,129
Industry - Hydro .....		2,502,240	2,609,590	36,593	-	1,950
5	Thermal .....	295,425	326,810	5,221	-	20,859
6	Totals .....	2,797,665	2,936,400	41,814	-	22,809
7	Grand total - Hydro .....	9,671,519	10,677,299	216,826	-	18,411
8	Thermal .....	2,200,962	2,309,005 <sup>r</sup>	25,466	12,968	216,527
9	Total net generation .....	11,872,481	12,986,304 <sup>r</sup>	242,292	12,968	234,938
Energy imported:						
10	From other provinces .....	...	...	-	-	7,622
11	From United States .....	250,091	246,926	-	-	-
12	Totals .....	250,091	246,926	-	-	7,622
13	Total supply of electric energy .....	12,122,572	13,233,230	242,292	12,968	242,560
<u>Demand for electric energy</u>						
Sales:						
14	Domestic .....	2,004,863	2,224,081	21,421	4,664	50,491
15	Farm(1) .....	75,962	77,928	-	-	-
16	General service (commercial) .....	975,303	1,086,493	7,585	5,089	39,930
17	Power - Firm .....	6,707,116 <sup>r</sup>	7,237,743	192,911	1,133	65,652
18	Secondary .....	339,126 <sup>r</sup>	478,275 <sup>r</sup>	-	-	-
19	Total power .....	7,046,242 <sup>r</sup>	7,716,018	192,911	1,133	65,652
20	Street lighting .....	78,612	87,605	862	161	1,921
21	Total sales .....	10,180,982 <sup>r</sup>	11,192,125	222,779	11,047	157,994
Energy exported:						
22	To other provinces - Firm .....	...	...	7,476	-	16,690
23	Secondary .....	...	...	-	-	4,301
24	To United States - Firm .....	67,323	52,163	-	-	-
25	Secondary .....	304,872	246,857	-	-	-
26	Total energy exported .....	372,195	299,020	7,476	-	20,991
27	Unallocated energy(2) .....	1,120,846 <sup>r</sup>	1,181,781	12,037	1,695	48,036
28	Distribution by non-respondents .....	448,549	560,304	-	226	15,539
29	Total demand for electric energy .....	12,122,572	13,233,230	242,292	12,968	242,560

- (1) Many utilities cannot distinguish between domestic and farm, as they do not keep separate records.  
(2) Includes losses, unaccounted for, and cyclical billing adjustment.



TABLE 1. Preliminary Electric Energy Statistics

January 1966

New Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Yukon and N.W.T.	No.
thousand kwh.								
71,942	5,301,956	3,212,366	603,571	114,521	158,571	1,486,896	26,861	1
180,888	51,732	1,196,137	16,853	279,349	453,528	296,661	3,014	2
252,830	5,353,688	4,408,503	620,424	393,870	612,099	1,783,557	29,875	3
25,444	14,608	449,921	53,521	28,134	1,911	5,677	-	4
711	88	187,575	-	-	-	56,681	-	5
26,155	14,696	637,496	53,521	28,134	1,911	62,358	-	6
-	382,579	-	794	51,410	5,677	1,911	-	7
936	72,795	9,367	27,851	162	-	-	-	8
14,993	1,411	33,979	-	-	-	247	-	9
4,734	407	197,249	-	-	-	57,007	-	10
20,663	457,192	240,595	28,645	51,572	5,677	59,165	-	11
258,322	4,911,192	4,805,404	645,300	370,432	608,333	1,786,750	29,875	12
-	175,484	61,829	21,775	1,187	-	28,574	7,767	13
258,322	4,735,708	4,743,575	623,525	369,245	608,333	1,758,176	22,108	14

TABLE 2. Supply and Demand of Electric Energy

November 1965

New Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Yukon and N.W.T.	No.
thousand kwh.								
108,244	3,327,234	2,985,798	515,649	103,845	124,481	690,524	15,240	1
95,560	103,451	794,953	11,007	206,785	358,443 <sup>†</sup>	180,260	2,855	2
203,804	3,430,685	3,780,751	526,656	310,630	482,924 <sup>†</sup>	870,784	18,095	3
5,736	1,716,261	141,582	-	6,322	-	697,810	3,336	4
51,799	30,779	88,353	2,631	7,129	30,061	89,978	-	5
57,535	1,747,040	229,935	2,631	13,451	30,061	787,788	3,336	6
113,980	5,043,495	3,127,380	515,649	110,167	124,481	1,388,334	18,576	7
147,359	134,230	883,306	13,638	213,914	388,504 <sup>†</sup>	270,238	2,855	8
261,399	5,177,725	4,010,686	529,287	324,081	512,985 <sup>†</sup>	1,658,572	21,431	9
24,880 <sup>†</sup>	12,599 <sup>†</sup>	428,078 <sup>†</sup>	49,766	19,570 <sup>†</sup>	3,139	2,819 <sup>†</sup>	-	10
371	81	204,322	-	-	-	42,152	-	11
25,251 <sup>†</sup>	12,680 <sup>†</sup>	632,400 <sup>†</sup>	49,766	19,570 <sup>†</sup>	3,139	44,971 <sup>†</sup>	-	12
286,590	5,190,405	4,643,086	579,053	343,651	516,124	1,703,543	21,431	13
40,225	704,879	874,177	129,026	60,421	87,534	249,550	1,693	14
-	-	-	27,930	23,927	26,071	-	-	15
25,185	232,549	416,284	63,889	41,915	71,937	180,352	1,778	16
158,695	3,055,680	2,107,553	242,437	101,144	218,806	1,082,752	10,980	17
76 <sup>†</sup>	363,842 <sup>†</sup>	65,676 <sup>†</sup>	24,414 <sup>†</sup>	1,134	261 <sup>†</sup>	18,462	4,410 <sup>†</sup>	18
158,771	3,419,522	2,173,229	266,851	102,278	219,067	1,101,214	15,390	19
1,635	23,603	28,147	7,046	3,033	9,973	11,125	99	20
225,816	4,380,553	3,491,837	494,742	231,574	414,582	1,542,241	18,960	21
-	379,606	-	577	48,684	2,819 <sup>†</sup>	3,139	-	22
7,935	51,804	5,528 <sup>†</sup>	19,550	364	-	-	-	23
19,187	1,256	31,508	-	-	-	212	-	24
5,901	-	198,583	-	-	-	42,373	-	25
33,023	432,666	235,619	20,127	49,048	2,819 <sup>†</sup>	45,724	-	26
24,600	318,375	469,123	64,184	59,324	88,202	94,892	1,313	27
3,151	58,811	446,507	-	3,705	10,521	20,686	1,158	28
286,590	5,190,405	4,643,086	579,053	343,651	516,124	1,703,543	21,431	29

... Figures not appropriate or not applicable.

TABLE 3. Supply of Electric Energy

January - November 1965

Month	Total net generation	Imports from United States	Exports to United States	Net energy used in Canada	Secondary energy used in Canada	Firm energy used in Canada	Daily average, total net generation
thousand kwh.							
January .....	12,608,469	282,875	304,582	12,586,762	305,220	12,281,542	406,725
February .....	11,484,276	269,358	278,340	11,475,294	274,512	11,200,782	410,153
March .....	12,402,808	297,298	292,847	12,407,259	307,407	12,099,852	400,091
April .....	11,439,236	291,917	277,125	11,454,028	255,133	11,198,895	381,308
May .....	11,364,988	327,919	317,522	11,375,385	225,700	11,149,685	366,613
June .....	10,770,417	405,609	278,918	10,897,108	137,466	10,759,642	359,014
July .....	10,830,173	374,230	279,779	10,924,624	187,362	10,737,262	349,360
August .....	11,453,370	277,208	319,311	11,411,267	345,172	11,066,095	369,463
September .....	11,577,781	293,685	314,121	11,557,345	348,809	11,208,536	385,926
October .....	12,568,156	280,000	309,610	12,538,546	501,476	12,037,070	405,424
November .....	12,986,304 <sup>r</sup>	246,926	299,020	12,934,210 <sup>r</sup>	478,275 <sup>r</sup>	12,455,935 <sup>r</sup>	432,877 <sup>r</sup>
December .....	13,674,876	230,614	299,057	13,606,433	468,542	13,137,891	441,125
Year .....	143,160,854 <sup>r</sup>	3,577,639	3,570,232	143,168,261 <sup>r</sup>	3,835,074 <sup>r</sup>	139,333,187 <sup>r</sup>	392,221 <sup>r</sup>

<sup>r</sup> Revised figures.

TABLE 4. Sales of Electric Energy to Ultimate Customers

January - October 1965

Year and month	Domestic	Farm(1)	General service (commercial)	Firm power	Secondary power	Total power	Street lighting	Total sales to ultimate customers
thousand kwh.								
1964 .....	23,934,160	945,237	11,082,698	76,994,091	3,415,366	80,409,457	835,158	117,206,710
1965 - January ....	2,576,617	98,686	1,118,380	6,796,731	305,220	7,101,951	84,894	10,980,528
February ...	2,533,835	118,258	1,099,231	6,440,512	274,512	6,715,024	78,909	10,545,257
March .....	2,476,581	113,448	1,070,166	6,888,873	307,407	7,196,280	76,975	10,933,450
April .....	2,288,083	107,092	1,043,971	6,813,094	255,133	7,068,227	72,466	10,579,839
May .....	2,071,165	95,288	970,003	6,982,292	225,700	7,207,992	68,962	10,413,410
June .....	1,937,676	87,623	974,616	6,684,108	137,466	6,821,575	65,870	9,887,360
July .....	1,854,222	80,172	947,508	6,813,301	187,362	7,000,663	66,842	9,949,407
August .....	1,744,677	77,563	942,354	6,779,642	345,172	7,124,814	70,676	9,960,084
September ..	1,774,138	71,962	955,296	6,826,154	348,809	7,174,963	73,311	10,049,670
October ....	2,116,958	71,754	1,044,699	7,177,557	501,476 <sup>r</sup>	7,679,033	80,783	10,993,227
November ...	2,224,081	77,928	1,086,493	7,237,743	478,275	7,716,018	87,605	11,192,125
December ...								
Year .....								

(1) Many utilities cannot distinguish between domestic and farm, as they do not keep separate records.

<sup>r</sup> Revised figures.

TABLE 5. Net Generation, 1961-65

CANADA

Year and month	Utilities			Industry			Grand total
	Hydro	Thermal	Total	Hydro	Thermal	Total	
thousand kwh.							
1961 .....	82,014,614	7,049,079	89,063,693	21,660,132	2,497,588	24,157,720	113,221,413
1962 .....	80,861,406	10,781,660	91,643,066	22,789,817	2,570,288	25,360,105	117,003,171
1963 .....	80,214,421	15,428,726	95,643,147	23,102,958	2,811,630	25,914,588	121,557,735
1964 .....	84,888,835	17,588,035	102,476,870	28,336,790	3,478,537	31,815,327 <sup>r</sup>	134,292,197
1965 .....	87,490,908	22,572,614 <sup>r</sup>	110,063,522 <sup>r</sup>	29,219,648 <sup>r</sup>	3,877,684 <sup>r</sup>	33,097,332 <sup>r</sup>	143,160,854 <sup>r</sup>
1965 - January ....	7,361,809	2,419,767	9,781,576	2,509,096	317,797	2,826,893	12,608,469
February ...	6,836,788	2,091,165	8,927,953	2,253,992	302,331	2,556,323	11,484,276
March .....	7,510,792	2,057,857	9,568,649	2,489,692	344,467	2,834,159	12,402,808
April .....	6,987,216	1,886,347	8,873,563	2,258,348	307,325	2,565,673	11,439,236
May .....	7,512,586	1,271,801	8,784,387	2,251,452	329,149	2,580,601	11,364,988
June .....	6,780,132	1,523,301	8,303,433	2,145,032	321,952	2,466,984	10,770,417
July .....	6,539,938	1,620,547	8,160,485	2,351,526	318,162	2,669,688	10,830,173
August .....	6,703,268	1,869,364	8,572,632	2,549,131	331,607	2,880,738	11,453,370
September ..	6,827,250	1,925,476	8,752,726	2,500,685	324,370	2,825,055	11,577,781
October ....	7,978,870	1,680,818	9,659,688	2,581,523	326,945	2,908,468	12,568,156
November ...	8,067,709	1,982,195 <sup>r</sup>	10,049,904 <sup>r</sup>	2,609,590	326,810	2,936,400	12,986,304
December ...	8,384,550	2,243,976	10,628,526	2,719,581	326,769	3,046,350	13,674,876

<sup>r</sup> Revised figures.

CATALOGUE No.

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MONTHLY

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## ELECTRIC POWER STATISTICS

FEBRUARY 1966

Table 1 of this report contains preliminary statistics on energy generation, imports, exports and secondary for the month of February 1966. These preliminary statistics indicate that net generation increased 10.2 per cent to 12,609,492 thousand kwh. in February 1966 from 11,484,276 thousand kwh. generated one year ago.

Imports decreased to 216,016 thousand kwh. from 269,358 thousand kwh. Exports remained virtually unchanged at 278,318 thousand kwh.

Table 2 shows detailed data concerning the amount of energy made available and the disposition of this energy for the month of December 1965. These figures included a breakdown of sales by rate categories for large utilities and industries while distribution by smaller utilities and industries is included in "distribution by non-respondents" (item 28). Distribution by non-respondents is the energy which is delivered by companies which report in this survey to companies which do not report. Consumption of own generation by industrial establishments is included in power sales. Comparable December 1964 data is shown for all categories.

Tables 3, 4 and 5 give final data for the months January to December 1965. In Table 3 the secondary energy includes both that used in electric boilers and that used for other purposes. In December of the 442,870 thousand kwh. of secondary energy 380,761 thousand kwh. were used in electric boilers and 62,109 thousand kwh. were used for other purposes.

The total generation for the twelve month period ending February 28, 1966 amounted to 145,641,532 thousand kwh. compared to 144,516,316<sup>r</sup> thousand kwh. for the period ending in January.

Monthly electric power statistics are designed to provide current information on the production and consumption of electric energy in Canada. In order to expedite the collection and compilation of returns, the series is confined to firms which generate a minimum of 10 million kwh. per annum and to large distributors of electric energy. These firms accounted for 99.6 per cent of total production in 1962.

In the electric power series, net generation is defined as total generation less the amount used in station service.

<sup>r</sup> Revised figure.

Industry Division

April 1966  
6503-513



TABLE 1. Preliminary Electric Energy Statistics

February 1966

No.		Canada 1965	Canada	Newfoundland	Prince Edward Island	Nova Scotia
				thousand kwh.		
1	Net generation - Hydro .....	9,090,780	10,157,673	194,897	-	23,824
2	Thermal .....	2,393,496	2,451,819	19,017	12,314	223,826
3	Total net generation .....	11,484,276	12,609,492	213,914	12,314	247,650
	Energy imported:					
4	From other provinces .....	...	...	-	-	86
5	From United States .....	269,358	216,016	-	-	-
6	Totals .....	269,358	216,016	-	-	86
	Energy exported:					
7	To other provinces - Firm .....	...	...	5,155	-	14,477
8	Secondary .....	...	...	-	-	13,639
9	To United States - Firm .....	63,219	44,734	-	-	-
10	Secondary .....	215,121	233,584	-	-	-
11	Totals .....	278,340	278,318	5,155	-	28,116
12	Net energy used in Canada .....	11,475,294	12,547,190	208,759	12,314	219,620
13	Secondary energy used in Canada .....	274,512	299,076	-	-	-
14	Firm energy used in Canada .....	11,200,782	12,248,114	208,759	12,314	219,620

TABLE 2. Supply and Demand of Electric Energy

December 1965

No.		Canada 1964	Canada	Newfoundland	Prince Edward Island	Nova Scotia
				thousand kwh.		
	<u>Supply of electric energy</u>					
	Net generation:					
1	Utilities - Hydro .....	7,494,902	8,384,377 <sup>F</sup>	194,534	-	20,608
2	Thermal .....	2,263,272	2,243,976	15,932	14,107	212,088
3	Totals .....	9,758,174	10,628,353 <sup>F</sup>	210,466	14,107	232,696
	Industry - Hydro .....	2,481,074	2,719,578 <sup>F</sup>	36,512	-	2,200
5	Thermal .....	303,633	326,769	5,142	-	18,518
6	Totals .....	2,784,707	3,046,347 <sup>F</sup>	41,654	-	20,718
7	Grand total - Hydro .....	9,975,976	11,103,955 <sup>F</sup>	231,046	-	22,808
8	Thermal .....	2,566,905	2,570,745	21,074	14,107	230,606
9	Total net generation .....	12,542,881	13,674,700 <sup>F</sup>	252,120	14,107	253,414
	Energy imported:					
10	From other provinces .....	...	...	-	-	5,199
11	From United States .....	268,293	230,614	-	-	-
12	Totals .....	268,293	230,614	-	-	5,199
13	Total supply of electric energy .....	12,811,174	13,905,314	252,120	14,107	258,613
	<u>Demand for electric energy</u>					
	Sales:					
14	Domestic .....	2,180,591	2,318,494	23,203	5,164	51,691
15	Farm(1) .....	78,120	92,708	-	-	-
16	General service (commercial) .....	1,044,711	1,145,621	8,399	5,319	39,270
17	Power - Firm .....	6,720,624 <sup>F</sup>	7,414,361	197,319	1,058	81,124
18	Secondary .....	268,718 <sup>F</sup>	442,870	922	-	389
19	Total power .....	6,989,342	7,857,231	198,241	1,058	81,513
20	Street lighting .....	82,810	90,344	949	161	1,994
21	Total sales .....	10,375,574 <sup>F</sup>	11,504,398	230,792	11,702	174,468
	Energy exported:					
22	To other provinces - Firm .....	...	...	8,206	-	16,964
23	Secondary .....	...	...	-	-	7,271
24	To United States - Firm .....	66,305	48,860	-	-	-
25	Secondary .....	235,516	250,197	-	-	-
26	Total energy exported .....	301,821	299,057	8,206	-	24,235
27	Unallocated energy(2) .....	1,625,684 <sup>F</sup>	1,578,798	13,122	2,142	43,380
28	Distribution by non-respondents .....	508,095	523,061	-	263	16,530
29	Total demand for electric energy .....	12,811,174	13,905,314	252,120	14,107	258,613

(1) Many utilities cannot distinguish between domestic and farm, as they do not keep separate records.

(2) Includes losses, unaccounted for, and cyclical billing adjustment.

TABLE 1. Preliminary Electric Energy Statistics  
February 1966

New Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Yukon and N.W.T.	No.
thousand kwh.								
68,574	4,842,731	2,930,415	534,236	99,433	111,781	1,328,407	23,375	1
154,747	36,266	1,071,872	12,683	230,283	395,963	292,485	2,363	2
223,321	4,878,997	4,002,287	546,919	329,716	507,744	1,620,892	25,738	3
33,039	14,510	409,070	48,229	30,117	2,038	5,410	-	4
639	89	169,612	-	-	-	45,676	-	5
33,678	14,599	578,682	48,229	30,117	2,038	51,086	-	6
-	353,704	-	737	47,150	5,410	2,038	-	7
2,657	59,767	7,811	29,902	52	-	-	-	8
12,479	1,280	30,776	-	-	-	199	-	9
5,975	108	182,017	-	-	-	45,484	-	10
21,111	414,859	220,604	30,639	47,202	5,410	47,721	-	11
235,888	4,478,737	4,360,365	564,509	312,631	504,372	1,624,257	25,738	12
-	181,061	59,305	20,641	1,040	-	30,567	6,462	13
235,888	4,297,676	4,301,060	543,868	311,591	504,372	1,593,690	19,276	14

TABLE 2. Supply and Demand of Electric Energy  
December 1965

New Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Yukon and N.W.T.	No.
thousand kwh.								
78,337	3,494,922 <sup>r</sup>	3,085,098	565,493	108,783	127,810	685,448	23,344	1
117,530	76,489	956,163	11,487	221,358	389,632	226,390	2,800	2
195,867	3,571,411 <sup>r</sup>	4,041,261	576,980	330,141	517,442	911,838	26,144	3
4,042	1,796,993	150,734	-	6,580	-	718,943	3,574 <sup>r</sup>	4
51,043	32,081	88,882	2,753	7,079	33,339	87,932	-	5
55,085	1,829,074	239,616	2,753	13,659	33,339	806,875	3,574 <sup>r</sup>	6
82,379	5,291,915 <sup>r</sup>	3,235,832	565,493	115,363	127,810	1,404,391	26,918 <sup>r</sup>	7
168,573	108,570	1,045,045	14,240	228,437	422,971	314,322	2,800	8
250,952	5,400,485 <sup>r</sup>	4,280,877	579,733	343,800	550,781	1,718,713	29,718 <sup>r</sup>	9
29,203	14,978	439,403	51,721	33,538 <sup>r</sup>	2,187	6,270	-	10
499	94	178,453	-	-	-	51,568	-	11
29,702	15,072	617,856	51,721	33,538 <sup>r</sup>	2,187	57,838	-	12
280,654	5,415,557	4,898,733	631,454	377,338 <sup>r</sup>	552,968	1,776,551	29,718 <sup>r</sup>	13
45,451	691,772	906,309	146,231	68,425	104,968	273,418	1,862	14
-	-	-	35,854	27,812	29,042	-	-	15
27,371	245,961	452,846	70,931	41,577	72,688	179,047	2,212	16
146,383	3,175,530	2,155,233	244,454	102,892	232,644	1,067,345	10,379	17
5,034	316,800	68,826	20,351	1,016	307	23,805	5,420	18
151,417	3,492,330	2,224,059	264,805	103,908	232,951	1,091,150	15,799	19
1,690	23,588	29,078	7,540	3,233	11,148	10,876	87	20
225,929	4,453,651	3,612,292	525,361	244,955	450,797	1,554,491	19,960	21
-	388,097	-	603 <sup>r</sup>	50,658	6,270	2,187	-	22
5,199	55,751	7,778	33,458	57	-	-	-	23
14,949	1,424	32,265	-	-	-	222	-	24
6,376	246	192,139	-	-	-	51,436	-	25
26,524	445,518	232,182	34,061 <sup>r</sup>	50,715	6,270	53,845	-	26
25,416	457,915	649,134	72,032	77,837	84,339	145,034	8,447	27
2,785	58,473	405,125	-	3,831	11,562	23,181	1,311	28
280,654	5,415,557	4,898,733	631,454	377,338	552,968	1,776,551	29,718	29

... Figures not appropriate or not applicable.

TABLE 3. Supply of Electric Energy  
January - December 1965

Month	Total net generation	Imports from United States	Exports to United States	Net energy used in Canada	Secondary energy used in Canada	Firm energy used in Canada	Daily average, total net generation
thousand kwh.							
January .....	12,608,469	282,875	304,582	12,586,762	305,220	12,281,542	406,725
February .....	11,484,276	269,358	278,340	11,475,294	274,512	11,200,782	410,153
March .....	12,402,808	297,298	292,847	12,407,259	307,407	12,099,852	400,091
April .....	11,439,236	291,917	277,125	11,454,028	255,133	11,198,895	381,308
May .....	11,364,988	327,919	317,522	11,375,385	225,700	11,149,685	366,613
June .....	10,770,417	405,609	278,918	10,897,108	137,466	10,759,642	359,014
July .....	10,830,173	374,230	279,779	10,924,624	187,362	10,737,262	349,360
August .....	11,453,370	277,208	319,311	11,411,267	345,172	11,066,095	369,463
September .....	11,577,781	293,685	314,121	11,557,345	348,809	11,208,536	385,926
October .....	12,568,156	280,000	309,610	12,538,546	501,476	12,037,070	405,424
November .....	12,986,304	246,926	299,020	12,934,210	478,275	12,455,935	432,877
December .....	13,674,700 <sup>F</sup>	230,614	299,057	13,606,257 <sup>F</sup>	442,870 <sup>F</sup>	13,163,387 <sup>F</sup>	441,125
Year .....	143,160,678 <sup>F</sup>	3,577,639	3,570,232	143,168,085 <sup>F</sup>	3,809,402 <sup>F</sup>	139,358,683 <sup>F</sup>	392,221

<sup>F</sup> Revised figures.

TABLE 4. Sales of Electric Energy to Ultimate Customers  
January - December 1965

Year and month	Domestic	Farm(l)	General service (commercial)	Firm power	Secondary power	Total power	Street lighting	Total sales to ultimate customers
thousand kwh.								
1964 .....	23,934,160	945,237	11,082,698	76,994,091	3,415,366	80,409,457	835,158	117,206,710
1965 - January ....	2,576,617	98,686	1,118,380	6,796,731	305,220	7,101,951	84,894	10,980,528
February ...	2,533,835	118,258	1,099,231	6,440,512	274,512	6,715,024	78,909	10,545,257
March .....	2,476,581	113,448	1,070,166	6,888,873	307,407	7,196,280	76,975	10,933,450
April .....	2,288,083	107,092	1,043,971	6,813,094	255,133	7,068,227	72,466	10,579,839
May .....	2,047,431 <sup>F</sup>	95,288	970,003	6,982,292	225,700	7,207,992	68,962	10,389,676 <sup>F</sup>
June .....	1,931,629 <sup>F</sup>	87,623	974,616	6,684,109	137,466	6,821,575	65,870	9,881,313 <sup>F</sup>
July .....	1,843,444 <sup>F</sup>	80,172	947,508	6,813,301	187,362	7,000,663	66,842	9,938,629 <sup>F</sup>
August .....	1,712,843 <sup>F</sup>	77,563	942,354	6,779,642	345,172	7,124,814	70,676	9,928,250 <sup>F</sup>
September ..	1,760,779 <sup>F</sup>	71,962	955,296	6,826,154	348,809	7,174,963	73,311	10,036,311 <sup>F</sup>
October ....	2,081,274 <sup>F</sup>	71,754	1,044,699	7,177,557	501,476 <sup>F</sup>	7,679,033	80,783	10,957,543 <sup>F</sup>
November ...	2,224,081	77,928	1,086,493	7,237,743	478,275	7,716,018	87,605	11,192,125
December ...	2,318,494	92,708	1,145,621	7,414,361	442,870	7,857,231	90,344	11,504,398
Year .....	25,795,091	1,092,482	12,398,338	82,854,369	3,809,402	86,663,771	917,637	126,867,319

(1) Many utilities cannot distinguish between domestic and farm, as they do not keep separate records.

<sup>F</sup> Revised figures.

TABLE 5. Net Generation, 1961-65

CANADA

Year and month	Utilities			Industry			Grand total
	Hydro	Thermal	Total	Hydro	Thermal	Total	
thousand kwh.							
1961 .....	82,014,614	7,049,079	89,063,693	21,660,132	2,497,588	24,157,720	113,221,413
1962 .....	80,861,406	10,781,660	91,643,066	22,789,817	2,570,288	25,360,105	117,003,171
1963 .....	80,214,421	15,428,726	95,643,147	23,102,958	2,811,630	25,914,588	121,557,735
1964 .....	84,888,835	17,588,035	102,476,870	28,336,790	3,478,537	31,815,327	134,292,197
1965 .....	87,490,735 <sup>F</sup>	22,572,614	110,063,349 <sup>F</sup>	29,219,645 <sup>F</sup>	3,877,684	33,097,329 <sup>F</sup>	143,160,678 <sup>F</sup>
1965 - January ....	7,361,809	2,419,767	9,781,576	2,509,096	317,797	2,826,893	12,608,469
February ...	6,836,788	2,091,165	8,927,953	2,253,992	302,331	2,556,323	11,484,276
March .....	7,510,792	2,057,857	9,568,649	2,489,692	344,467	2,834,159	12,402,808
April .....	6,987,216	1,886,347	8,873,563	2,258,348	307,325	2,565,673	11,439,236
May .....	7,512,586	1,271,801	8,784,387	2,251,452	329,149	2,580,601	11,364,988
June .....	6,780,132	1,523,301	8,303,433	2,145,032	321,952	2,466,984	10,770,417
July .....	6,539,938	1,620,547	8,160,485	2,351,526	318,162	2,669,688	10,830,173
August .....	6,703,268	1,869,364	8,572,632	2,549,131	331,607	2,880,738	11,453,370
September ..	6,827,250	1,925,476	8,752,726	2,500,685	324,370	2,825,055	11,577,781
October ....	7,978,870	1,680,818	9,659,688	2,581,523	326,945	2,908,468	12,568,156
November ...	8,067,709	1,982,195	10,049,904	2,609,590	326,810	2,936,400	12,986,304
December ...	8,384,377 <sup>F</sup>	2,243,976	10,628,353 <sup>F</sup>	2,719,578 <sup>F</sup>	326,769	3,046,374 <sup>F</sup>	13,674,700 <sup>F</sup>

<sup>F</sup> Revised figures.



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MONTHLY

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## ELECTRIC POWER STATISTICS

MARCH 1966

This report is the first of a new series which includes cumulative electric energy statistics for the year to date. These data are shown in Tables 3 and 4.

Table 1 of this report contains preliminary statistics on energy generation, imports, exports and secondary for the month of March 1966. These preliminary statistics indicate that net generation increased 9.8 per cent to 13,615,747 thousand kwh. in March 1966 from 12,402,808 thousand kwh. generated one year ago.

Imports decreased to 215,900 thousand kwh. from 297,298 thousand kwh. and exports increased to 304,959 thousand kwh. from 292,847 thousand kwh. in March 1965.

Table 2 shows detailed data concerning the amount of energy made available and the disposition of this energy for the month of January 1966. These figures include a breakdown of sales by rate categories for large utilities and industries while distribution by smaller utilities and industries is included in "distribution by non-respondents" (item 31). Distribution by non-respondents is the energy which is delivered by companies which report in this survey to companies which do not report. Consumption of own generation by industrial establishments is included in used in own plant (items 20 and 21). Comparable January 1965 data is shown for all categories where available.

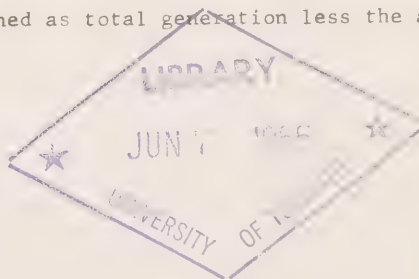
Tables 5, 6 and 7 give final data for the month of January 1966 and preliminary data for other months. In Table 5 secondary energy includes both that used in own plant and that sold to ultimate customers. In January of the 318,152 thousand kwh. of secondary energy 203,037 thousand kwh. was used in the plants, 121,101 was sold to ultimate customers.

The total generation for the twelve-month period ending March 31, 1966 amounted to 146,855,094 thousand kwh. compared to 145,642,155<sup>F</sup> kwh. for the period ending in February.

Monthly electric power statistics are designed to provide current information on the production and consumption of electric energy in Canada. In order to expedite the collection and compilation of returns, the series is confined to firms which generate a minimum of 10 million kwh. per annum and to large distributors of electric energy. These firms accounted for 99.5 per cent of total production in 1964.

In the electric power series, net generation is defined as total generation less the amount used in station service.

Industry Division



May 1966

6503-513

TABLE 1. Preliminary Electric Energy Statistics  
March 1966

No.		Canada 1965	Canada	Newfound- land	Prince Edward Island
			thousand kwh.		
1	Net generation - Hydro .....	10,000,484	11,197,840	212,741	-
2	Thermal .....	2,402,324	2,417,907	23,173	12,729
3	Total net generation (1 + 2) .....	12,402,808	13,615,747	235,914	12,729
	Energy received from other provinces and imported:				
4	Received from other provinces .....	...	...	-	-
5	Imported from United States .....	297,298	215,900	-	-
6	Total received from other provinces and imported (4 + 5) .....	297,298	215,900	-	-
	Energy delivered to other provinces and exported:				
7	Delivered to other provinces - Firm .....	...	...	6,888	-
8	Secondary .....	...	...	-	-
9	Exported to United States - Firm .....	69,456	56,674	-	-
10	Secondary .....	223,391	248,285	-	-
11	Total delivered to other provinces and exported (7 + 8 + 9 + 10) .....	292,847	304,959	6,888	-
12	Total made available for use in Canada (3 + 6 - 11) ....	12,407,259	13,526,688	229,026	12,729
13	Secondary energy used in Canada (1) .....	307,407	318,152	-	-
14	Firm energy made available for use in Canada (12 - 13) .....	12,099,852	13,208,536	229,026	12,729

(1) Includes secondary energy used in own plant and sold to ultimate customers.

TABLE 2. Supply and Disposal of Electric Energy  
January 1966

No.		Canada 1965	Canada	Newfound- land	Prince Edward Island
			thousand kwh.		
	<u>Supply of electric energy</u>				
	Net generation:				
1	Utilities - Hydro .....	7,361,809	8,617,208 <sup>r</sup>	194,408	-
2	Thermal .....	2,419,767	2,413,701 <sup>r</sup>	15,062	13,757
3	Totals (1 + 2) .....	9,781,576	11,030,909 <sup>r</sup>	209,470	13,757
4	Industry - Hydro .....	2,509,096	2,600,803 <sup>r</sup>	37,869	-
5	Thermal .....	317,797	332,018	5,612	-
6	Totals (4 + 5) .....	2,826,893	2,932,821 <sup>r</sup>	43,481	-
7	Grand total - Hydro (1 + 4) .....	9,870,905	11,218,011 <sup>r</sup>	232,277	-
8	Thermal (2 + 5) .....	2,737,564	2,745,719 <sup>r</sup>	20,674	13,757
9	Total net generation (7 + 8) .....	12,608,469	13,963,730 <sup>r</sup>	252,951	13,757
	Energy received from other provinces and imported:				
10	Received from other provinces .....	...	...	-	-
11	Imported from United States .....	282,875	245,055	-	-
12	Total received from other provinces and imported (10 + 11) .....	282,875	245,055	-	-
13	Total supply of energy (9 + 12) .....	12,819,344	14,208,785	252,951	13,757
	<u>Disposal of electric energy</u>				
	Energy delivered to other provinces and exported:				
14	Delivered to other provinces - Firm .....	...	...	7,190	-
15	Secondary .....	...	...	-	-
16	Exported to United States - Firm .....	66,250	50,630	-	-
17	Secondary .....	238,322	260,762 <sup>r</sup>	-	-
18	Total delivered to other provinces and exported (14 + 15 + 16 + 17) .....	304,572	311,392 <sup>r</sup>	7,190	-
19	Total made available for use in Canada (13 - 18) ...	12,514,772	13,897,393	245,761	13,757
20	Energy used in own plant - Firm .....	...(3)	2,944,540	36,291	-
21	Secondary .....	...(3)	203,037	-	-
22	Total used in own plant (20 + 21) .....	...(3)	3,147,577	36,291	-
	Sales to ultimate customers:				
23	Power - Firm .....	6,796,731 <sup>r</sup>	4,506,202	163,823	400
24	Secondary .....	305,220 <sup>r</sup>	121,101 <sup>r</sup>	64 <sup>r</sup>	989 <sup>r</sup>
25	General service (commercial) .....	1,118,380	1,214,383	9,143	5,020
26	Domestic .....	2,576,617 <sup>r</sup>	2,732,447	27,557	6,104
27	Farm(1) .....	98,686	98,297	-	-
28	Street lighting .....	84,894	91,290	953	184
29	Total sales to ultimate customers (23 + 24 + 25 + 26 + 27 + 28) .....	10,980,528 <sup>r</sup>	8,763,720	201,540	12,697
30	Unallocated energy(2) .....	1,016,382 <sup>r</sup>	1,385,973	6,706	786
31	Distribution by non-respondents .....	517,862	600,123	1,224	274
32	Total disposal of energy (18 + 22 + 29 + 30 + 31) .....	12,819,344	14,208,785	252,951	13,757

(1) Many utilities cannot distinguish between domestic and farm, as they do not keep separate records

(2) Includes losses, unaccounted for, and cyclical billing adjustment.

TABLE 1. Preliminary Electric Energy Statistics  
March 1966

Nova Scotia	New- Brunswick	Quebec	Ontario	Manitoba	Saskat- chewan	Alberta	British Columbia	Yukon and N.W.T.	No.
thousand kwh.									
49,547	116,148	5,274,782	3,277,616	566,763	133,161	122,593	1,419,986	24,503	1
202,620	148,110	36,240	1,023,497	853	193,256	408,010	366,498	2,921	2
252,167	264,258	5,311,022	4,301,113	567,616	326,417	530,603	1,786,484	27,424	3
1,461	24,266	12,446	459,428	55,012	38,917	2,119	4,004	-	4
-	529	84	172,592	-	-	-	42,695	-	5
1,461	24,795	12,530	632,020	55,012	38,917	2,119	46,699	-	6
10,276	-	397,884	-	640	54,390	4,004	2,119	-	7
8,764	1,461	66,170	6,174	38,877	6	-	-	-	8
-	21,226	1,110	34,121	-	-	-	217	-	9
-	8,726	-	191,830	-	-	-	47,729	-	10
19,040	31,413	465,164	232,125	39,517	54,396	4,004	50,065	-	11
234,588	257,640	4,858,388	4,701,008	583,111	310,938	528,718	1,783,118	27,424	12
-	-	175,975	67,110	34,353	1,176	-	32,814	6,724	13
234,588	257,640	4,682,413	4,633,898	548,758	309,762	528,718	1,750,304	20,700	14

... Figures not appropriate or not applicable.

TABLE 2. Supply and Disposal of Electric Energy  
January 1966

Nova Scotia	New- Brunswick	Quebec	Ontario	Manitoba	Saskat- chewan	Alberta	British Columbia	Yukon and N.W.T.	No.
thousand kwh.									
23,316	69,212 <sup>r</sup>	3,616,962 <sup>r</sup>	3,070,472	598,062	107,863	158,571	755,101	23,241	1
214,116	129,391	19,392 <sup>r</sup>	1,107,226	16,847	270,505	424,039	200,352	3,014	2
237,432	198,603 <sup>r</sup>	3,636,354 <sup>r</sup>	4,177,698	614,909	378,368	582,610	955,453	26,255	3
1,777	2,761	1,668,920 <sup>r</sup>	141,894	5,509	6,658	-	731,795	3,620	4
20,847	51,497	30,503	88,911	6	8,844	29,489	96,309	-	5
22,624	54,258	1,699,423 <sup>r</sup>	230,805	5,515	15,502	29,489	828,104	3,620	6
25,093	71,973 <sup>r</sup>	5,285,882 <sup>r</sup>	3,212,366	603,571	114,521	158,571	1,486,896	26,861	7
234,963	180,888	49,895 <sup>r</sup>	1,196,137	16,853	279,349	453,528	296,661	3,014	8
260,056	252,861 <sup>r</sup>	5,335,777 <sup>r</sup>	4,408,503	620,424	393,870	612,099	1,783,557	29,875	9
936	25,444	14,608	449,370 <sup>r</sup>	57,586 <sup>r</sup>	28,134	1,911	5,677	-	10
-	711	88	187,575	-	-	-	56,681	-	11
936	26,155	14,696	636,945 <sup>r</sup>	57,586 <sup>r</sup>	28,134	1,911	62,358	-	12
260,992	279,016	5,350,473	5,045,448	678,010	422,004	614,010	1,845,915	29,875	13
11,848	-	382,028 <sup>r</sup>	-	794	55,475 <sup>r</sup>	5,677	1,911	-	14
7,632	936	72,795	9,367	27,851	162	-	-	-	15
-	14,993	1,411	33,979	-	-	-	247	-	16
-	4,734	407	197,249	-	-	-	58,372 <sup>r</sup>	-	17
19,480	20,663	456,641 <sup>r</sup>	240,595	28,645	55,637 <sup>r</sup>	5,677	60,530 <sup>r</sup>	-	18
241,512	258,353	4,893,832	4,804,853	649,365	366,367	608,333	1,785,385	29,875	19
26,858	90,678	1,391,161	474,196	53,261	13,329	39,341	816,253	3,172	20
-	-	140,647	24,035	8,030	1,187	-	28,574	564	21
26,858	90,678	1,531,808	498,231	61,291	14,516	39,341	844,827	3,736	22
61,132	63,844	1,736,512	1,685,843	201,232	94,791	187,299	299,366	11,960	23
1,370 <sup>r</sup>	5,403	55,183 <sup>r</sup>	38,127 <sup>r</sup>	13,448 <sup>r</sup>	-	330 <sup>r</sup>	-	6,187 <sup>r</sup>	24
47,206	29,564	236,061	472,881	79,882	59,065	85,012	188,283	2,266	25
67,193	54,522	788,916	1,064,043	179,475	87,263	130,934	324,330	2,110	26
-	-	-	-	34,355	30,149	33,793	-	-	27
2,101	1,667	24,781	29,087	7,469	3,367	10,905	10,699	77	28
179,002	155,000	2,841,453	3,289,981	515,861	274,635	448,273	822,678	22,600	29
18,767	10,007	461,333	537,953	72,213	72,706	109,955	93,443	2,104	30
16,885	2,668	59,238	478,688	-	4,510	10,764	24,437	1,435	31
260,992	279,016	5,350,473	5,045,448	678,010	422,004	614,010	1,845,915	29,875	32

(3) Amount used in own plant is included in firm and secondary power sales in 1965.

... Figures not appropriate or not applicable.



TABLE 3. Cumulative Preliminary Electric Energy Statistics  
January - March 1966

No.		Canada 1965	Canada	Newfound- land	Prince Edward Island
			thousand kwh.		
1	Net generation - Hydro .....	28,962,169	32,573,524	639,915	-
2	Thermal .....	7,533,384	7,616,445	62,864	38,800
3	Total net generation (1 + 2) .....	36,495,553	40,189,969	702,779	38,800
	Energy received from other provinces and imported:				
4	Received from other provinces .....	...	...	-	-
5	Imported from United States .....	849,531	673,974	-	-
6	Total received from other provinces and imported (4 + 5) .....	849,531	673,974	-	-
	Energy delivered to other provinces and exported:				
7	Delivered to other provinces - Firm .....	...	...	19,233	-
8	Secondary .....	...	...	-	-
9	Exported to United States - Firm .....	198,925	152,038	-	-
10	Secondary .....	676,844	742,631	-	-
11	Total delivered to other provinces and exported (7 + 8 + 9 + 10) .....	875,769	894,669	19,233	-
12	Total made available for use in Canada (3 + 6 - 11) ....	36,668,240	39,969,274	683,546	38,800
13	Secondary energy used in Canada(1) .....	887,139	941,366	64	989
14	Firm energy made available for use in Canada (12 - 13) .....	35,781,101	39,027,908	683,482	37,811

(1) Includes secondary energy used in own plant and sold to ultimate customers.

TABLE 4. Cumulative Supply and Disposal of Electric Energy  
January - December 1965

No.		Canada 1964	Canada	Newfound- land	Prince Edward Island
			thousand kwh.		
	<u>Supply of electric energy</u>				
	Net generation:				
1	Utilities - Hydro .....	84,888,835	87,490,735	2,067,725	-
2	Thermal .....	17,588,035	22,572,614	171,829	136,591
3	Totals (1 + 2) .....	102,476,870	110,063,349	2,239,554	136,591
4	Industry - Hydro .....	28,336,790	29,219,645	414,296	-
5	Thermal .....	3,478,537	3,877,684	63,447	-
6	Totals (4 + 5) .....	31,815,327	33,097,329	477,743	-
7	Grand total - Hydro (1 + 4) .....	113,225,625	116,710,380	2,482,021	-
8	Thermal (2 + 5) .....	21,066,572	26,450,298	235,276	136,591
9	Total net generation (7 + 8) .....	134,292,197	143,160,678	2,717,297	136,591
	Energy received from other provinces and imported:				
10	Received from other provinces .....	...	...	-	-
11	Imported from United States .....	2,975,610	3,577,639	-	-
12	Total received from other provinces and imported (10 + 11) .....	2,975,610	3,577,639	-	-
13	Total supply of energy (9 + 12) .....	137,267,807	146,738,317	2,717,297	136,591
	<u>Disposal of electric energy</u>				
	Energy delivered to other provinces and exported:				
14	Delivered to other provinces - Firm .....	...	...	84,067	-
15	Secondary .....	...	...	-	-
16	Exported to United States - Firm .....	832,784	634,691	-	-
17	Secondary .....	3,351,997	2,935,541	-	-
18	Total delivered to other provinces and exported (14 + 15 + 16 + 17) .....	4,184,781	3,570,232	84,067	-
19	Total made available for use in Canada (13 - 18) ...	133,083,026	143,168,085	2,633,230	136,591
20	Energy used in own plant - Firm .....	... (3)	... (3)	...	...
21	Secondary .....	... (3)	... (3)	...	...
22	Total used in own plant (20 + 21) .....	... (3)	... (3)	...	...
	Sales to ultimate customers:				
23	Power - Firm .....	76,994,091	82,854,369	2,184,602	9,134
24	Secondary .....	3,415,366	3,809,402	2,791	-
25	General service (commercial) .....	11,082,698	12,398,338	88,815	55,659
26	Domestic .....	23,934,160	25,795,091	244,455	53,432
27	Farm(1) .....	945,237	1,092,482	-	-
28	Street lighting .....	835,158	917,637	8,232	1,722
29	Total sales to ultimate customers (23 + 24 + 25 + 26 + 27 + 28) .....	117,206,710	126,867,319	2,528,895	119,947
30	Unallocated energy(2) .....	11,057,697	10,633,435	104,335	14,258
31	Distribution by non-respondents .....	4,818,619	5,667,331	-	2,386
32	Total disposal of energy (18 + 22 + 29 + 30 + 31) .....	137,267,807	146,738,317	2,717,297	136,591

(1) Many utilities cannot distinguish between domestic and farm, as they do not keep separate records

(2) Includes losses, unaccounted for, and cyclical billing adjustment.

TABLE 3. Cumulative Preliminary Electric Energy Statistics  
January - March 1966

Nova Scotia	New- Brunswick	Quebec	Ontario	Manitoba	Saskat- chewan	Alberta	British Columbia	Yukon and N.W.T.	No.
thousand kwh.									
98,464	256,695	15,403,395	9,420,397	1,704,570	347,115	392,945	4,235,289	74,739	1
661,409	483,745	122,401	3,291,506	30,389	702,888	1,257,501	956,644	8,298	2
759,873	740,440	15,525,796	12,711,903	1,734,959	1,050,003	1,650,446	5,191,933	83,037	3
2,483	82,749	41,564	1,317,868	158,747	97,168	6,068	15,091	-	4
-	1,879	261	526,782	-	-	-	145,052	-	5
2,483	84,628	41,825	1,844,650	158,747	97,168	6,068	160,143	-	6
36,601	-	1,133,616	-	2,171	154,935	15,091	6,068	-	7
30,035	5,054	198,732	23,352	96,630	220	-	-	-	8
-	48,698	3,801	98,876	-	-	-	663	-	9
-	19,435	515	571,096	-	-	-	151,585	-	10
66,636	73,187	1,336,664	693,324	98,801	155,155	15,091	158,316	-	11
695,720	751,881	14,230,957	13,863,229	1,794,905	992,016	1,641,423	5,193,760	83,037	12
1,370	5,403	552,866	188,577	76,472	3,403	330	91,955	19,937	13
694,350	746,478	13,678,091	13,674,652	1,718,433	988,613	1,641,093	5,101,805	63,100	14

... Figures not appropriate or not applicable.

TABLE 4. Cumulative Supply and Disposal of Electric Energy  
January - December 1965

Nova Scotia	New- Brunswick	Quebec	Ontario	Manitoba	Saskat- chewan	Alberta	British Columbia	Yukon and N.W.T.	No.
thousand kwh.									
420,084	1,043,322	37,194,225	31,295,264	5,261,952	1,621,502	1,417,865	6,996,022	172,774	1
1,911,483	1,249,215	542,477	10,790,198	217,633	1,911,652	3,710,873	1,897,956	32,707	2
2,331,567	2,292,537	37,736,702	42,085,462	5,479,585	3,533,154	5,128,738	8,893,978	205,481	3
29,103	59,903	18,783,513	1,633,458	-	76,822	-	8,176,878	45,672	4
244,568	601,250	381,831	1,014,285	33,794	79,093	367,553	1,091,863	-	5
273,671	661,153	19,165,344	2,647,743	33,794	155,915	367,553	9,268,741	45,672	6
449,187	1,103,225	55,977,738	32,928,722	5,261,952	1,698,324	1,417,865	15,172,900	218,446	7
2,156,051	1,805,465	924,308	11,804,483	251,427	1,990,745	4,078,426	2,989,819	32,707	8
2,605,238	2,953,690	56,902,046	44,733,205	5,513,379	3,689,069	5,496,291	18,162,719	251,153	9
46,775	205,132	192,009	4,896,387	741,126	109,241	37,944	26,283	-	10
-	17,991	867	2,897,662	-	-	-	661,119	-	11
46,775	223,123	192,876	7,794,049	741,126	109,241	37,944	687,402	-	12
2,652,013	3,176,813	67,094,922	52,527,254	6,254,505	3,798,310	5,534,235	18,850,121	251,153	13
33,750	-	4,543,379	23,623	6,975	565,400	26,283	37,944	-	14
139,873	47,563	380,688	255,224	106,095	4,033	-	-	-	15
-	179,841	14,156	438,258	-	-	-	2,436	-	16
-	56,509	32,744	2,655,478	-	-	-	190,810	-	17
173,623	283,913	4,970,967	3,372,583	113,070	569,433	26,283	231,190	-	18
2,478,390	2,892,900	62,123,955	49,154,671	6,141,435	3,228,877	5,507,952	18,618,931	251,153	19
...	...	...	...	...	...	...	...	...	20
...	...	...	...	...	...	...	...	...	21
...	...	...	...	...	...	...	...	...	22
955,440	1,869,837	34,727,289	24,192,999	2,753,682	1,128,380	2,427,165	12,480,851	124,990	23
389	10,695	2,715,422	660,681	143,280	14,505	4,420	201,423	55,796	24
455,509	290,403	2,640,051	4,888,205	753,524	475,510	833,271	1,895,623	21,768	25
616,902	464,745	7,788,352	10,558,878	1,564,214	705,107	1,061,354	2,720,017	17,635	26
-	-	-	-	358,936	377,607	355,939	-	-	27
21,949	18,596	255,513	324,657	64,629	28,366	96,970	96,339	664	28
2,050,189	2,654,276	48,126,627	40,625,420	5,638,265	2,729,475	4,779,119	17,394,253	220,853	29
259,063	200,420	3,427,136	4,015,484	503,170	461,557	618,575	1,010,973	18,464	30
169,138	38,204	570,192	4,513,767	-	37,845	110,258	213,705	11,836	31
2,652,013	3,176,813	57,094,922	52,527,254	6,254,505	3,798,310	5,534,235	18,850,121	251,153	32

(3) Amount used in own plant is included in firm and secondary power.

... Figures not appropriate or not applicable.

TABLE 5. Supply of Electric Energy

January - March 1966

Month	Total net generation	Imports from United States	Exports to United States	Net energy made available in Canada	Secondary energy used in Canada	Firm energy made available in Canada	Daily average, total net generation
thousand kwh.							
January .....	13,963,730 <sup>r</sup>	245,055	311,392 <sup>r</sup>	13,897,393 <sup>r</sup>	324,138 <sup>r</sup>	13,573,255 <sup>r</sup>	450,443 <sup>r</sup>
February .....	12,610,492 <sup>r</sup>	213,019 <sup>r</sup>	278,318	12,545,193 <sup>r</sup>	299,076	12,246,117 <sup>r</sup>	450,375 <sup>r</sup>
March .....	13,615,747	215,900	304,959	13,526,688	318,152	13,208,536	439,218
April .....							
May .....							
June .....							
July .....							
August .....							
September .....							
October .....							
November .....							
December .....							
Year .....							

<sup>r</sup> Revised figures.

TABLE 6. Sales of Electric Energy to Ultimate Customers

January 1966

Year and month	Domestic	Farm(1)	General service (commercial)	Firm power(2)	Secondary power(2)	Total power(2)	Street lighting	Total sales to ultimate customers
thousand kwh.								
1964 .....	23,934,160	945,237	11,082,698	76,994,091	3,415,366	80,409,457	835,158	117,206,710
1965 .....	25,795,091	1,092,482	12,398,338	82,854,369	3,809,402	86,663,771	917,637	126,867,319
1966 - January .....	2,732,447	98,297	1,214,383	7,450,742	324,138	7,774,880	91,290	11,911,297
February .....								
March .....								
April .....								
May .....								
June .....								
July .....								
August .....								
September .....								
October .....								
November .....								
December .....								
Year .....								

(1) Many utilities cannot distinguish between domestic and farm, as they do not keep separate records.

(2) Includes sales to industrial establishments with generating facilities.

TABLE 7. Net Generation, 1961-66

CANADA

Year and month	Utilities			Industry			Grand total
	Hydro	Thermal	Total	Hydro	Thermal	Total	
	thousand kwh.						
1961 .....	82,014,614	7,049,079	89,063,693	21,660,132	2,497,588	24,157,720	113,221,413
1962 .....	80,861,406	10,781,660	91,643,066	22,789,817	2,570,288	25,360,105	117,003,171
1963 .....	80,214,421	15,428,726	95,643,147	23,102,958	2,811,630	25,914,588	121,557,735
1964 .....	84,888,835	17,588,035	102,476,870	28,336,790	3,478,537	31,815,327	134,292,197
1965 .....	87,490,735	22,572,614	110,063,349	29,219,645	3,877,684	33,097,329	143,160,678
1966 - January .....	8,617,208 <sup>r</sup>	2,413,701 <sup>r</sup>	11,030,909 <sup>r</sup>	2,600,803 <sup>r</sup>	332,018	2,932,821 <sup>r</sup>	13,963,730 <sup>r</sup>
February .....	7,774,155	2,139,395	9,913,550	2,383,518	313,422 <sup>r</sup>	2,696,942 <sup>r</sup>	12,610,492 <sup>r</sup>
March .....	8,680,269	2,073,002	10,753,271	2,517,571	344,901	2,862,476	13,615,747
April .....							
May .....							
June .....							
July .....							
August .....							
September .....							
October .....							
November .....							
December .....							

<sup>r</sup> Revised figures.







CATALOGUE No.

57-001

MONTHLY

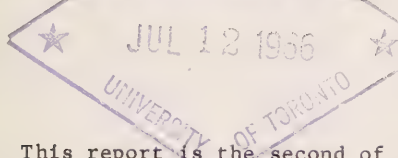
# DOMINION BUREAU OF STATISTICS

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## ELECTRIC POWER STATISTICS

APRIL 1966

This report is the second of a new series which includes cumulative electric energy statistics for the year to date. These data are shown in Tables 3 and 4.

Table 1 of this report contains preliminary statistics on energy generation, imports, exports and secondary for the month of April 1966. These preliminary statistics indicate that net generation increased 9.7 per cent to 12,555,402 thousand kwh. in April 1966 from 11,439,236 thousand kwh. generated one year ago.

Imports decreased to 176,750 thousand kwh. from 291,917 thousand kwh. and exports increased to 309,433 thousand kwh. from 277,125 thousand kwh. in April 1965.

Table 2 shows detailed data concerning the amount of energy made available and the disposition of this energy for the month of February 1966. These figures include a breakdown of sales by rate categories for large utilities and industries while distribution by smaller utilities and industries is included in "distribution by non-respondents" (item 31). Distribution by non-respondents is the energy which is delivered by companies which report in this survey to companies which do not report. Consumption of own generation by industrial establishments is included in used in own plant (items 20 and 21). Comparable February 1965 data is shown for all categories where available.

Tables 5, 6 and 7 give final data for the months of January and February 1966 and preliminary data for other months. In Table 5 secondary energy includes both that used in own plant and that sold to ultimate customers. In February of the 317,954 thousand kwh. of secondary energy 193,104 thousand kwh. was used in own plant, while 124,850 thousand kwh. was sold to ultimate customers.

The total generation for the twelve-month period ending April 30, 1966 amounted to 147,971,077 thousand kwh. compared to 146,854,911<sup>F</sup> kwh. for the period ending in March.

Monthly electric power statistics are designed to provide current information on the production and consumption of electric energy in Canada. In order to expedite the collection and compilation of returns, the series is confined to firms which generate a minimum of 10 million kwh. per annum and to large distributors of electric energy. These firms accounted for 99.5 per cent of total production in 1964.

In the electric power series, net generation is defined as total generation less the amount used in station service.

Industry Division

June 1966  
6503-513



TABLE 1. Preliminary Electric Energy Statistics

April 1966

No.		Canada 1965	Canada	Newfound- land	Prince Edward Island
		thousand kwh.			
1	Net generation - Hydro .....	9,245,564	10,530,398	225,235	-
2	Thermal .....	2,193,672	2,025,004	16,856	11,570
3	Total net generation (1 + 2) .....	11,439,236	12,555,402	242,091	11,570
4	Energy received from other provinces and imported:				
5	Received from other provinces .....	...	...	-	-
6	Imported from United States .....	291,917	176,750	-	-
7	Total received from other provinces and imported (4 + 5) .....	291,917	176,750	-	-
8	Energy delivered to other provinces and exported:				
9	Delivered to other provinces - Firm .....	...	...	6,992	-
10	Secondary .....	...	...	-	-
11	Exported to United States - Firm .....	49,307	61,248	-	-
12	Secondary .....	227,818	248,185	-	-
13	Total delivered to other provinces and exported (7 + 8 + 9 + 10) .....	277,125	309,433	6,992	-
14	Total made available for use in Canada (3 + 6 - 11) ....	11,454,028	12,422,719	235,099	11,570
15	Secondary energy used in Canada(1) .....	260,778 <sup>F</sup>	270,489	-	-
16	Firm energy made available for use in Canada (12 - 13) .....	11,193,250 <sup>F</sup>	12,152,230	235,099	11,570

(1) Includes secondary energy used in own plant and sold to ultimate customers.

TABLE 2. Supply and Disposal of Electric Energy

February 1966

No.		Canada 1965	Canada	Newfound- land	Prince Edward Island
		thousand kwh.			
<u>Supply of electric energy</u>					
1	Net generation:				
2	Utilities - Hydro .....	6,836,788	7,774,154 <sup>F</sup>	162,417	-
3	Thermal .....	2,091,165	2,139,397 <sup>F</sup>	13,817 <sup>F</sup>	12,314
4	Totals (1 + 2) .....	8,927,953	9,913,551 <sup>F</sup>	176,234 <sup>F</sup>	12,314
5	Industry - Hydro .....	2,253,992	2,382,391 <sup>F</sup>	32,480	-
6	Thermal .....	302,331	314,367 <sup>F</sup>	5,201	-
7	Totals (4 + 5) .....	2,556,323	2,696,758 <sup>F</sup>	37,681	-
8	Grand total - Hydro (1 + 4) .....	9,090,780	10,156,545 <sup>F</sup>	194,897	-
9	Thermal (2 + 5) .....	2,393,496	2,453,764 <sup>F</sup>	19,018 <sup>F</sup>	12,314
10	Total net generation (7 + 8) .....	11,484,276	12,610,309 <sup>F</sup>	213,915 <sup>F</sup>	12,314
11	Energy received from other provinces and imported:				
12	Received from other provinces .....	...	...	-	-
13	Imported from United States .....	269,358	213,019 <sup>F</sup>	-	-
14	Total received from other provinces and imported (10 + 11) .....	269,358	213,019 <sup>F</sup>	-	-
15	Total supply of energy (9 + 12) .....	11,753,634	12,823,328	213,915	12,314
<u>Disposal of electric energy</u>					
16	Energy delivered to other provinces and exported:				
17	Delivered to other provinces - Firm .....	...	...	5,155	-
18	Secondary .....	...	...	-	-
19	Exported to United States - Firm .....	63,219	44,734	-	-
20	Secondary .....	215,121	233,584	-	-
21	Total delivered to other provinces and exported (14 + 15 + 16 + 17) .....	278,340	278,318	5,155	-
22	Total made available for use in Canada (13 - 18) ...	11,475,294	12,545,010	208,760	12,314
23	Energy used in own plant - Firm .....	...	2,768,498	32,526	-
24	Secondary .....	...	193,104	-	-
25	Total used in own plant (20 + 21) .....	...	2,961,602	32,526	-
26	Sales to ultimate customers:				
27	Power - Firm .....	6,440,377 <sup>F</sup>	4,246,164	134,477	223
28	Secondary .....	274,647 <sup>F</sup>	124,850 <sup>F</sup>	91 <sup>F</sup>	1,777 <sup>F</sup>
29	General service (commercial) .....	1,099,231	1,195,365	8,365	4,579
30	Domestic .....	2,533,835	2,750,972	23,712	5,149
31	Farm(1) .....	118,258	130,008	-	-
32	Street lighting .....	78,909	85,085	842	184
33	Total sales to ultimate customers (23 + 24 + 25 + 26 + 27 + 28) .....	10,545,257 <sup>F</sup>	8,532,444	167,487	11,212
34	Unallocated energy(2) .....	458,717 <sup>F</sup>	520,203	7,659	862
35	Distribution by non-respondents .....	471,320	530,761	1,088	240
36	Total disposal of energy (18 + 22 + 29 + 30 + 31) .....	11,753,634	12,823,328	213,915	12,314

(1) Many utilities cannot distinguish between domestic and farm, as they do not keep separate records

(2) Includes losses, unaccounted for, and cyclical billing adjustment.

TABLE 1. Preliminary Electric Energy Statistics

April 1966

Nova Scotia	New-Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Yukon and N.W.T.	No.
thousand kwh.									
43,170	158,552	4,858,431	3,085,627	483,595	190,793	81,366	1,381,635	21,994	1
165,497	125,395	29,984	902,345	4,836	120,695	379,362	266,200	2,264	2
208,667	283,947	4,888,415	3,987,972	488,431	311,488	460,728	1,647,835	24,258	3
11,634	8,850	13,672	470,269	53,627	20,904	1,590	-	-	4
-	2,507	78	147,367	-	-	-	26,798	-	5
11,634	11,357	13,750	617,636	53,627	20,904	1,590	26,798	-	6
5,528	-	380,437	494	614	52,787	-	1,590	-	7
338	11,634	92,183	6,837	20,923	189	-	-	-	8
-	27,345	1,023	32,682	-	-	-	198	-	9
-	10,154	25	210,514	-	-	-	27,492	-	10
5,866	49,133	473,668	250,527	21,537	52,976	-	29,280	-	11
214,435	246,171	4,428,497	4,355,081	520,521	279,416	462,318	1,645,353	24,258	12
-	-	153,611	55,160	27,217	1,139	-	28,083	5,279	13
214,435	246,171	4,274,886	4,299,921	493,304	278,277	462,318	1,617,270	18,979	14

TABLE 2. Supply and Disposal of Electric Energy

February 1966

Nova Scotia	New-Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Yukon and N.W.T.	No.
thousand kwh.									
22,734	65,966	3,314,079 <sup>r</sup>	2,796,806	529,411	93,570	111,781	657,293	20,097	1
202,985 <sup>r</sup>	105,073	6,513	992,174	12,676	222,812	367,399	201,271	2,363	2
225,719	171,039	3,320,592 <sup>r</sup>	3,788,980	542,087	316,382	479,180	858,564	22,460	3
1,090	2,608	1,528,651	133,609	4,825	5,863	-	669,987 <sup>r</sup>	3,278	4
20,842	49,674	29,453 <sup>r</sup>	80,058 <sup>r</sup>	7	7,471	28,564	93,097 <sup>r</sup>	-	5
21,932	52,282	1,558,104 <sup>r</sup>	213,667 <sup>r</sup>	4,832	13,334	28,564	763,084 <sup>r</sup>	3,278	6
23,824	68,574	4,842,730 <sup>r</sup>	2,930,415	534,236	99,433	111,781	1,327,280 <sup>r</sup>	23,375	7
223,827 <sup>r</sup>	154,747	35,966 <sup>r</sup>	1,072,232 <sup>r</sup>	12,683	230,283	395,963	294,368 <sup>r</sup>	2,363	8
247,651 <sup>r</sup>	223,321	4,878,696 <sup>r</sup>	4,002,647 <sup>r</sup>	546,919	329,716	507,744	1,621,648 <sup>r</sup>	25,738	9
86	33,039	11,939 <sup>r</sup>	409,070	52,111 <sup>r</sup>	30,117	2,038	5,410	-	10
-	639	89	166,615 <sup>r</sup>	-	-	-	45,676	-	11
86	33,678	12,028	575,685 <sup>r</sup>	52,111 <sup>r</sup>	30,117	2,038	51,086	-	12
247,737	256,999	4,890,724	4,578,332	599,030	359,833	509,782	1,672,734	25,738	13
14,477	-	353,704	-	737	51,032 <sup>r</sup>	5,410	2,038	-	14
13,639	86 <sup>r</sup>	59,767	7,811	29,902	52	-	-	-	15
-	12,479	1,280	30,776	-	-	-	199	-	16
-	5,975	108	182,017	-	-	-	45,484	-	17
28,116	18,540 <sup>r</sup>	414,859	220,604	30,639	51,084 <sup>r</sup>	5,410	47,721	-	18
219,621	238,459	4,475,865	4,357,728	568,391	308,749	504,372	1,625,013	25,738	19
26,672	85,590	1,277,893	439,642	50,869	11,396	37,035	803,963	2,912	20
-	-	130,612	23,796	6,566	1,040	-	30,567	523	21
26,672	85,590	1,408,505	463,438	57,435	12,436	37,035	834,530	3,435	22
55,673	57,877	1,657,473	1,630,530	181,078	94,738	179,717	243,718	10,660	23
145 <sup>r</sup>	5,527 <sup>r</sup>	49,122 <sup>r</sup>	49,248 <sup>r</sup>	13,654 <sup>r</sup>	-	291 <sup>r</sup>	-	5,695 <sup>r</sup>	24
45,758	26,636	253,342	472,836	77,489	42,345	82,510	179,435	2,070	25
65,317	46,124	854,832	1,075,725	171,055	85,356	130,532	290,986	2,184	26
-	-	-	-	48,428	44,247	37,333	-	-	27
1,900	1,649	24,259	28,427	6,148	2,959	9,335	9,316	66	28
168,793	137,813	2,839,028	3,256,766	497,852	269,645	439,718	723,455	20,675	29
9,131	12,746	174,553	212,050	13,104	23,243	18,900	47,508	447	30
15,025	2,310	53,779	425,474	-	3,425	8,719	19,520	1,181	31
247,737	256,999	4,890,724	4,578,332	599,030	359,833	509,782	1,672,734	25,738	32

3) Amount used in own plant is included in firm and secondary power sales in 1965.  
 .. Figures not appropriate or not applicable.

TABLE 3. Cumulative Preliminary Electric Energy Statistics  
January - April 1966

No.		Canada 1965	Canada	Newfound- land	Prince Edward Island
			thousand kwh.		
1	Net generation - Hydro .....	38,207,733	43,102,794	865,150	-
2	Thermal .....	9,727,056	9,642,394	79,721	50,370
3	Total net generation (1 + 2) .....	47,934,789	52,745,188	944,871	50,370
	Energy received from other provinces and imported:				
4	Received from other provinces .....	...	...	-	-
5	Imported from United States .....	1,141,448	850,724	-	-
6	Total received from other provinces and imported (4 + 5) .....	1,141,448	850,724	-	-
	Energy delivered to other provinces and exported:				
7	Delivered to other provinces - Firm .....	...	...	26,225	-
8	Secondary .....	...	...	-	-
9	Exported to United States - Firm .....	248,232	213,286	-	-
10	Secondary .....	904,662	990,816	-	-
11	Total delivered to other provinces and exported (7 + 8 + 9 + 10) .....	1,152,894	1,204,102	26,225	-
12	Total made available for use in Canada (3 + 6 - 11) ....	47,923,343	52,391,810	918,646	50,370
13	Secondary energy used in Canada(1) .....	1,142,272	1,230,733	155	2,066
14	Firm energy made available for use in Canada (12 - 13) .....	46,781,071	51,161,077	918,491	48,304

(1) Includes secondary energy used in own plant and sold to ultimate customers.

TABLE 4. Cumulative Supply and Disposal of Electric Energy  
January - February 1966

No.		Canada 1965	Canada	Newfound- land	Prince Edward Island
			thousand kwh.		
	<u>Supply of electric energy</u>				
	Net generation:				
1	Utilities - Hydro .....	14,198,597	16,391,362	356,825	-
2	Thermal .....	4,510,932	4,553,098	28,879	26,071
3	Totals (1 + 2) .....	18,709,529	20,944,460	385,704	26,071
4	Industry - Hydro .....	4,763,088	4,983,194	70,349	-
5	Thermal .....	620,128	646,385	10,813	-
6	Totals (4 + 5) .....	5,383,216	5,629,579	81,162	-
7	Grand total - Hydro (1 + 4) .....	18,961,685	21,374,556	427,174	-
8	Thermal (2 + 5) .....	5,131,060	5,199,483	39,692	26,071
9	Total net generation (7 + 8) .....	24,092,745	26,574,039	466,866	26,071
	Energy received from other provinces and imported:				
10	Received from other provinces .....	...	...	-	-
11	Imported from United States .....	552,233	458,074	-	-
12	Total received from other provinces and imported (10 + 11) .....	552,233	458,074	-	-
13	Total supply of energy (9 + 12) .....	24,644,978	27,032,113	466,866	26,071
	<u>Disposal of electric energy</u>				
	Energy delivered to other provinces and exported:				
14	Delivered to other provinces - Firm .....	...	...	12,345	-
15	Secondary .....	...	...	-	-
16	Exported to United States - Firm .....	129,469	95,364	-	-
17	Secondary .....	453,453	494,346	-	-
18	Total delivered to other provinces and exported (14 + 15 + 16 + 17) .....	582,922	589,710	12,345	-
19	Total made available for use in Canada (13 - 18) ...	24,062,056	26,442,403	454,521	26,071
	Energy used in own plant - Firm .....	...(3)	5,713,038	68,817	-
21	Secondary .....	...(3)	396,141	-	-
22	Total used in own plant (20 + 21) .....	...(3)	6,109,179	68,817	-
	Sales to ultimate customers:				
23	Power - Firm .....	13,237,243	8,752,366	298,300	623
24	Secondary .....	579,732	245,951	155	2,066
25	General service (commercial) .....	2,217,611	2,409,748	17,508	9,599
26	Domestic .....	5,110,452	5,483,419	51,269	11,253
27	Farm(1) .....	216,944	228,305	-	-
28	Street lighting .....	163,803	176,375	1,795	368
29	Total sales to ultimate customers (23 + 24 + 25 + 26 + 27 + 28) .....	21,525,785	17,296,164	369,027	23,909
30	Unallocated energy(2) .....	1,547,089	1,906,176	14,365	1,648
31	Distribution by non-respondents .....	989,182	1,130,884	2,312	514
32	Total disposal of energy (18 + 22 + 29 + 30 + 31) .....	24,644,978	27,032,113	466,866	26,071

(1) Many utilities cannot distinguish between domestic and farm, as they do not keep separate records

(2) Includes losses, unaccounted for, and cyclical billing adjustment.



TABLE 3. Cumulative Preliminary Electric Energy Statistics  
January - April 1966

Nova Scotia	New-Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Yukon and N.W.T.	No.
thousand kwh.									
141,634	415,247	20,261,825	12,506,024	2,188,165	537,908	474,311	5,615,797	96,733	1
826,907	609,140	152,085	4,194,211	35,225	823,583	1,636,863	1,223,727	10,562	2
968,541	1,024,387	20,413,910	16,700,235	2,223,390	1,361,491	2,111,174	6,839,524	107,295	3
14,117	91,599	52,665	1,788,137	216,256	118,072	7,658	15,091	-	4
-	4,386	339	674,149	-	-	-	171,850	-	5
14,117	95,985	53,004	2,462,286	216,256	118,072	7,658	186,941	-	6
42,129	-	1,514,053	494	2,785	211,604	15,091	7,658	-	7
30,373	14,117	290,915	30,189	117,553	409	-	-	-	8
-	76,043	4,824	131,558	-	-	-	861	-	9
-	29,589	540	781,610	-	-	-	179,077	-	10
72,502	119,749	1,810,332	943,851	120,338	212,013	15,091	187,596	-	11
910,156	1,000,623	18,656,582	18,218,670	2,319,308	1,267,550	2,103,741	6,838,869	107,295	12
1,515	10,930	705,150	257,476	103,268	4,542	621	120,038	24,972	13
908,641	989,693	17,951,432	17,961,194	2,216,040	1,263,008	2,103,120	6,718,831	82,323	14

TABLE 4. Cumulative Supply and Disposal of Electric Energy  
January - February 1966

Nova Scotia	New-Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Yukon and N.W.T.	No.
thousand kwh.									
46,050	135,178	6,931,041	5,867,278	1,127,473	201,433	270,352	1,412,394	43,338	1
417,101	234,464	25,905	2,099,400	29,523	493,317	791,438	401,623	5,377	2
463,151	369,642	6,956,946	7,966,678	1,156,996	694,750	1,061,790	1,814,017	48,715	3
2,867	5,369	3,197,571	275,503	10,334	12,521	-	1,401,782	6,898	4
41,689	101,171	59,956	168,969	13	16,315	58,053	189,406	-	5
44,556	106,540	3,257,527	444,472	10,347	28,836	58,053	1,591,188	6,898	6
48,917	140,547	10,128,612	6,142,781	1,137,807	213,954	270,352	2,814,176	50,236	7
458,790	335,635	85,861	2,268,369	29,536	509,632	849,491	591,029	5,377	8
507,707	476,182	10,214,473	8,411,150	1,167,343	723,586	1,119,843	3,405,205	55,613	9
1,022	58,483	26,547	858,440	109,697	58,251	3,949	11,087	-	10
-	1,350	177	354,190	-	-	-	102,357	-	11
1,022	59,833	26,724	1,212,630	109,697	58,251	3,949	113,444	-	12
508,729	536,015	10,241,197	9,623,780	1,277,040	781,837	1,123,792	3,518,649	55,613	13
26,325	-	735,732	-	1,531	106,507	11,087	3,949	-	14
21,271	1,022	132,562	17,178	57,753	214	-	-	-	15
-	27,472	2,691	64,755	-	-	-	446	-	16
-	10,709	515	379,266	-	-	-	103,856	-	17
47,596	39,203	871,500	461,199	59,284	106,721	11,087	108,251	-	18
461,133	496,812	9,369,697	9,162,581	1,217,756	675,116	1,112,705	3,410,398	55,613	19
53,530	176,268	2,669,054	913,838	104,130	24,725	76,376	1,620,216	6,084	20
-	-	271,259	47,831	14,596	2,227	-	59,141	1,087	21
53,530	176,268	2,940,313	961,669	118,726	26,952	76,376	1,679,357	7,171	22
116,805	121,721	3,393,985	3,316,373	382,310	189,529	367,016	543,084	22,620	23
1,515	10,930	104,305	87,375	27,102	-	621	-	11,882	24
92,964	56,200	489,403	945,717	157,371	101,410	167,522	367,718	4,336	25
132,510	100,646	1,643,748	2,139,768	350,530	172,619	261,466	615,316	4,294	26
-	-	-	-	82,783	74,396	71,126	-	-	27
4,001	3,316	49,040	57,514	13,617	6,326	20,240	20,015	143	28
347,795	292,813	5,680,481	6,546,747	1,013,713	544,280	887,991	1,546,133	43,275	29
27,898	22,753	635,886	750,003	85,317	95,949	128,855	140,951	2,551	30
31,910	4,978	113,017	904,162	-	7,935	19,483	43,957	2,616	31
508,729	536,015	10,241,197	9,623,780	1,277,040	781,837	1,123,792	3,518,649	55,613	32

) Amount used in own plant is included in firm and secondary power sales in 1965.  
• Figures not appropriate or not applicable.

TABLE 5. Supply of Electric Energy

January - April 1966

Month	Total net generation	Imports from United States	Exports to United States	Net energy made available in Canada	Secondary energy used in Canada	Firm energy made available in Canada	Daily average, total net generation
thousand kwh.							
January .....	13,963,730	245,055	311,392	13,897,393	324,138	13,573,255	450,443
February .....	12,610,309 <sup>r</sup>	213,019 <sup>r</sup>	278,318	12,545,010 <sup>r</sup>	317,954 <sup>r</sup>	12,227,056 <sup>r</sup>	450,368 <sup>r</sup>
March .....	13,615,474	215,900	304,959	13,526,688	318,152	13,208,536	439,218
April .....	12,555,402	176,750	309,433	12,422,719	270,489	12,152,230	418,513
May .....							
June .....							
July .....							
August .....							
September .....							
October .....							
November .....							
December .....							
Year .....							

<sup>r</sup> Revised figures.

TABLE 6. Sales of Electric Energy to Ultimate Customers

January - February 1966

Year and month	Domestic	Farm(1)	General service (commercial)	Firm power(2)	Secondary power(2)	Total power(2)	Street lighting	Total sales to ultimate customers
thousand kwh.								
1964 .....	23,934,160	945,237	11,082,698	76,994,091	3,415,366	80,409,457	835,158	117,206,710
1965 .....	25,795,091	1,092,482	12,398,338	82,854,369	3,809,402	86,663,771	917,637	126,867,319
1966 - January .....	2,732,447	98,297	1,214,383	7,450,742	324,138	7,774,880	91,290	11,911,297
February .....	2,750,972	130,008	1,195,365	7,014,662	317,954 <sup>r</sup>	7,332,616	85,085	11,494,046
March .....								
April .....								
May .....								
June .....								
July .....								
August .....								
September .....								
October .....								
November .....								
December .....								
Year .....								

(1) Many utilities cannot distinguish between domestic and farm, as they do not keep separate records.

(2) Includes sales to industrial establishments with generating facilities.

TABLE 7. Net Generation, 1961-66

CANADA

Year and month	Utilities			Industry			Grand total
	Hydro	Thermal	Total	Hydro	Thermal	Total	
	thousand kwh.						
1961 .....	82,014,614	7,049,079	89,063,693	21,660,132	2,497,588	24,157,720	113,221,413
1962 .....	80,861,406	10,781,660	91,643,066	22,789,817	2,570,288	25,360,105	117,003,171
1963 .....	80,214,421	15,428,726	95,643,147	23,102,958	2,811,630	25,914,588	121,557,735
1964 .....	84,888,835	17,588,035	102,476,870	28,336,790	3,478,537	31,815,327	134,292,197
1965 .....	87,490,735	22,572,614	110,063,349	29,219,645	3,877,684	33,097,329	143,160,678
1966 - January .....	8,617,208	2,413,701	11,030,909	2,600,803	332,018	2,932,821	13,963,730
February .....	7,774,154 <sup>r</sup>	2,139,397 <sup>r</sup>	9,913,551 <sup>r</sup>	2,382,391 <sup>r</sup>	314,367 <sup>r</sup>	2,696,758 <sup>r</sup>	12,610,309 <sup>r</sup>
March .....	8,680,269	2,073,002	10,753,271	2,517,571	344,905	2,862,476	13,615,747
April .....	8,155,946	1,710,804	9,866,750	2,374,452	314,200	2,688,652	12,555,402
May .....							
June .....							
July .....							
August .....							
September .....							
October .....							
November .....							
December .....							

<sup>r</sup> Revised figures.







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## ELECTRIC POWER STATISTICS

MAY 1966

Table 1 of this report contains preliminary statistics on energy generation, imports, exports and secondary for the month of May 1966. These preliminary statistics indicate that net generation increased 12.8 per cent to 12,817,538 thousand kwh. in May 1966 from 11,365,398<sup>r</sup> thousand kwh. generated one year ago.

Imports decreased to 191,092 thousand kwh. from 327,919 thousand kwh. and exports increased to 327,780 thousand kwh. from 317,522 thousand kwh. in May 1965.

Table 2 shows detailed data concerning the amount of energy made available and the disposition of this energy for the month of March 1966. These figures include a breakdown of sales by rate categories for large utilities and industries while distribution by smaller utilities and industries is included in "distribution by non-respondents" (item 31). Distribution by non-respondents is the energy which is delivered by companies which report in this survey to companies which do not report. Consumption of own generation by industrial establishments is included in used in own plant (items 20 and 21). Comparable March 1965 data is shown for all categories where available.

Tables 5, 6 and 7 give final data for the months January to March 1966 and preliminary data for other months. In Table 5 secondary energy includes both that used in own plant and that sold to ultimate customers. In March of the 355,143 thousand kwh. of secondary energy 223,825 thousand kwh. was used in own plant, while 131,318 thousand kwh. was sold to ultimate customers.

Total generation for the twelve-month period ending May 31, 1966 amounted to 149,432,518 thousand kwh. compared to 147,979,968<sup>r</sup> thousand kwh. for the period ending in April.

Monthly electric power statistics are designed to provide current information on the production and consumption of electric energy in Canada. In order to expedite the collection and compilation of returns, the series is confined to firms which generate a minimum of 10 million kwh. per annum and to large distributors of electric energy. These firms accounted for 99.5 per cent of total production in 1964.

In the electric power series, net generation is defined as total generation less the amount used in station service.

Industry Division

July 1966  
503-513

TABLE 1. Preliminary Electric Energy Statistics

May 1966

No.		Canada 1965	Canada	Newfound- land	Prince Edward Island
			thousand kwh.		
1	Net generation - Hydro .....	9,764,038	11,027,775	237,111	-
2	Thermal .....	1,601,360 <sup>r</sup>	1,789,763	13,012	11,638
3	Total net generation (1 + 2) .....	11,365,398 <sup>r</sup>	12,817,538	250,123	11,638
4	Energy received from other provinces and imported:				
5	Received from other provinces .....	...	...	-	-
6	Imported from United States .....	327,919	191,092	-	-
7	Total received from other provinces and imported (4 + 5) .....	327,919	191,092	-	-
8	Energy delivered to other provinces and exported:				
9	Delivered to other provinces - Firm .....	...	...	3,637	-
10	Secondary .....	...	...	2,684	-
11	Exported to United States - Firm .....	58,717	63,140	-	-
12	Secondary .....	258,805	264,640	-	-
13	Total delivered to other provinces and exported (7 + 8 + 9 + 10) .....	317,522	327,780	6,321	-
14	Total made available for use in Canada (3 + 6 - 11) ....	11,375,795 <sup>r</sup>	12,680,850	243,802	11,638
15	Secondary energy used in Canada(1) .....	232,629 <sup>r</sup>	245,415	-	-
16	Firm energy made available for use in Canada (12 - 13) .....	11,144,166 <sup>r</sup>	12,435,435	243,802	11,638

(1) Includes secondary energy used in own plant and sold to ultimate customers.

TABLE 2. Supply and Disposal of Electric Energy

March 1966

No.		Canada 1965	Canada	Newfound- land	Prince Edward Island
			thousand kwh.		
	<u>Supply of electric energy</u>				
	Net generation:				
1	Utilities - Hydro .....	7,510,792	8,680,269	176,804	-
2	Thermal .....	2,057,857	2,073,002 <sup>r</sup>	17,920	12,729
3	Totals (1 + 2) .....	9,568,649	10,753,271 <sup>r</sup>	194,724	12,729
4	Industry - Hydro .....	2,489,692	2,519,641 <sup>r</sup>	39,125 <sup>r</sup>	-
5	Thermal .....	344,467	346,361 <sup>r</sup>	5,253	-
6	Totals (4 + 5) .....	2,834,159	2,866,002 <sup>r</sup>	44,378 <sup>r</sup>	-
7	Grand total - Hydro (1 + 4) .....	10,000,484	11,199,910 <sup>r</sup>	215,929 <sup>r</sup>	-
8	Thermal (2 + 5) .....	2,402,324	2,419,363 <sup>r</sup>	23,173	12,729
9	Total net generation (7 + 8) .....	12,402,808	13,619,273 <sup>r</sup>	239,102	12,729
10	Energy received from other provinces and imported:				
11	Received from other provinces .....	...	...	-	-
12	Imported from United States .....	297,298	215,900	-	-
13	Total received from other provinces and imported (10 + 11) .....	297,298	215,900	-	-
14	Total supply of energy (9 + 12) .....	12,700,106	13,835,173	239,102	12,729
	<u>Disposal of electric energy</u>				
	Energy delivered to other provinces and exported:				
15	Delivered to other provinces - Firm .....	...	...	4,555 <sup>r</sup>	-
16	Secondary .....	...	...	2,333 <sup>r</sup>	-
17	Exported to United States - Firm .....	69,456	56,674	-	-
18	Secondary .....	223,391	248,285	-	-
19	Total delivered to other provinces and exported (14 + 15 + 16 + 17) .....	292,847	304,959	6,888	-
20	Total made available for use in Canada (13 - 18) ...	12,407,259	13,530,214	232,214	12,729
21	Energy used in own plant - Firm .....	...(3)	3,103,159	88,169	-
22	Secondary .....	...(3)	223,825	-	-
23	Total used in own plant (20 + 21) .....	...(3)	3,326,984	88,169	-
	Sales to ultimate customers:				
24	Power - Firm .....	6,879,633 <sup>r</sup>	4,396,999	97,186	220
25	Secondary .....	316,647 <sup>r</sup>	131,318 <sup>r</sup>	175 <sup>r</sup>	957 <sup>r</sup>
26	General service (commercial) .....	1,070,166 <sup>r</sup>	1,166,203	7,982	4,489
27	Domestic .....	2,476,581	2,661,065	23,154	5,018
28	Farm(1) .....	113,448 <sup>r</sup>	125,056	-	-
29	Street lighting .....	76,975 <sup>r</sup>	82,066	840	145
30	Total sales to ultimate customers (23 + 24 + 25 + 26 + 27 + 28) .....	10,933,450 <sup>r</sup>	8,562,707	129,337	10,829
31	Unallocated energy(2) .....	987,375 <sup>r</sup>	1,085,475	14,156	1,662
32	Distribution by non-respondents .....	486,434 <sup>r</sup>	555,048	552	238
33	Total disposal of energy (18 + 22 + 29 + 30 + 31) .....	12,700,106	13,835,173	239,102	12,729

(1) Many utilities cannot distinguish between domestic and farm, as they do not keep separate records

(2) Includes losses, unaccounted for, and cyclical billing adjustment.



TABLE 1. Preliminary Electric Energy Statistics

May 1966

Nova Scotia	New-Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Yukon and N.W.T.	No.
thousand kwh.									
35,379	169,523	5,029,752	3,331,902	460,396	199,084	100,256	1,443,106	21,266	1
180,826	118,106	30,559	683,772	8,519	116,242	360,493	264,401	2,195	2
216,205	287,629	5,060,311	4,015,674	468,915	315,326	460,749	1,707,507	23,461	3
15,164	16,926	12,829	496,137	52,340	16,253	2,073	-	-	4
-	3,656	69	155,408	-	-	-	31,959	-	5
15,164	20,582	12,898	651,545	52,340	16,253	2,073	31,959	-	6
12,405	-	377,154	-	881	50,660	-	2,073	-	7
816	15,164	121,992	7,868	16,068	320	-	-	-	8
-	27,695	1,210	34,024	-	-	-	211	-	9
-	10,450	3	221,339	-	-	-	32,848	-	10
13,221	53,309	500,359	263,231	16,949	50,980	-	35,132	-	11
218,148	254,902	4,572,850	4,403,988	504,306	280,599	462,822	1,704,334	23,461	12
-	-	140,331	48,687	23,375	1,252	-	26,734	5,036	13
218,148	254,902	4,432,519	4,355,301	480,931	279,347	462,822	1,677,600	18,425	14

... Figures not appropriate or not applicable.

TABLE 2. Supply and Disposal of Electric Energy

March 1966

Nova Scotia	New-Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Yukon and N.W.T.	No.
thousand kwh.									
46,687	111,531	3,718,579	3,130,091	561,331	126,431	122,593	665,291	20,931	1
182,119	96,801	2,896	937,117	844	183,127	372,025	264,503	2,921	2
228,806	208,332	3,721,475	4,067,208	562,175	309,558	494,618	929,794	23,852	3
2,860	4,617	1,555,085	147,525	5,432	6,730	-	754,695	3,572	4
20,501	51,309	34,462	86,380	9	10,129	35,985	102,333	-	5
23,361	55,926	1,589,547	233,905	5,441	16,859	35,985	857,028	3,572	6
49,547	116,148	5,273,664	3,277,616	566,763	133,161	122,593	1,419,986	24,503	7
202,620	148,110	37,358	1,023,497	853	193,256	408,010	366,836	2,921	8
252,167	264,258	5,311,022	4,301,113	567,616	326,417	530,603	1,786,822	27,424	9
1,461	24,266	12,446	471,383	57,821	38,917	2,119	4,004	-	10
-	529	84	172,592	-	-	-	42,695	-	11
1,461	24,795	12,530	643,975	57,821	38,917	2,119	46,699	-	12
253,628	289,053	5,323,552	4,945,088	625,437	365,334	532,722	1,833,521	27,424	13
10,276	-	397,884	-	640	57,199	4,004	2,119	-	14
8,764	1,461	78,125	6,174	38,877	6	-	-	-	15
-	21,226	1,110	34,121	-	-	-	217	-	16
-	8,726	-	191,830	-	-	-	47,729	-	17
19,040	31,413	477,119	232,125	39,517	57,205	4,004	50,065	-	18
234,588	257,640	4,846,433	4,712,963	585,920	338,129	528,718	1,783,456	27,424	19
27,896	92,370	1,397,794	486,828	58,086	14,036	46,148	888,716	3,116	20
-	-	145,931	28,697	14,612	1,176	-	32,814	595	21
27,896	92,370	1,543,725	515,525	72,698	15,212	46,148	921,530	3,711	22
59,827	64,447	1,710,246	1,741,210	192,286	82,822	188,935	249,067	10,753	23
1,224	5,738	53,592	44,536	18,918	-	352	-	5,826	24
47,049	27,146	237,051	456,877	69,542	52,688	80,048	180,071	3,260	25
60,750	44,602	843,339	1,085,308	148,839	69,258	105,110	272,899	2,788	26
-	-	-	-	39,405	42,278	43,373	-	-	27
1,399	1,648	22,573	28,452	6,144	2,908	8,949	8,965	43	28
170,249	143,581	2,866,801	3,356,383	475,134	249,954	426,767	711,002	22,670	29
20,642	19,247	385,699	389,555	38,088	39,537	46,334	130,703	- 148	30
15,801	2,442	50,208	451,500	-	3,426	9,469	20,221	1,191	31
253,628	289,053	5,323,552	4,945,088	625,437	365,334	532,722	1,833,521	27,424	32

Amount used in own plant is included in firm and secondary power sales in 1965.

Figures not appropriate or not applicable.

TABLE 3. Cumulative Preliminary Electric Energy Statistics  
January - May 1966

No.		Canada 1965	Canada	Newfound- land	Prince Edward Island
			thousand kwh.		
1	Net generation - Hydro .....	47,971,771	54,138,004	1,110,814	-
2	Thermal .....	11,328,006	11,433,613 <sup>r</sup>	92,733 <sup>r</sup>	62,008
3	Total net generation (1 + 2) .....	59,299,777	65,571,617	1,203,547 <sup>r</sup>	62,008
4	Energy received from other provinces and imported:				
5	Received from other provinces .....	...	...	-	-
6	Imported from United States .....	1,469,367	1,041,816	-	-
7	Total received from other provinces and imported (4 + 5) .....	1,469,367	1,041,816	-	-
8	Energy delivered to other provinces and exported:				
9	Delivered to other provinces - Firm .....	...	...	21,905 <sup>r</sup>	-
10	Secondary .....	...	...	10,641 <sup>r</sup>	-
11	Exported to United States - Firm .....	306,949	276,426	-	-
12	Secondary .....	1,163,467	1,255,456	-	-
13	Total delivered to other provinces and exported (7 + 8 + 9 + 10) .....	1,470,416	1,531,882	32,546	-
14	Total made available for use in Canada (3 + 6 - 11) ....	59,298,728	65,081,551 <sup>r</sup>	1,171,001 <sup>r</sup>	62,008
15	Secondary energy used in Canada (1) .....	1,367,972	1,513,139 <sup>r</sup>	330 <sup>r</sup>	3,023 <sup>r</sup>
16	Firm energy made available for use in Canada (12 - 13) .....	57,930,756	63,568,412 <sup>r</sup>	1,170,671 <sup>r</sup>	58,985 <sup>r</sup>

(1) Includes secondary energy used in own plant and sold to ultimate customers.

TABLE 4. Cumulative Supply and Disposal of Electric Energy  
January - March 1966

No.		Canada 1965	Canada	Newfound- land	Prince Edward Island
			thousand kwh.		
	<u>Supply of electric energy</u>				
1	Net generation:				
2	Utilities - Hydro .....	21,709,389	25,071,631	533,629	-
3	Thermal .....	6,568,789	6,626,100	46,799	38,800
4	Totals (1 + 2) .....	28,278,178	31,697,731 <sup>r</sup>	580,428 <sup>r</sup>	38,800
5	Industry - Hydro .....	7,252,780	7,508,200 <sup>r</sup>	114,839	-
6	Thermal .....	964,595	992,746	16,066	-
7	Totals (4 + 5) .....	8,217,375	8,500,946 <sup>r</sup>	130,905 <sup>r</sup>	-
8	Grand total - Hydro (1 + 4) .....	28,962,169	32,579,831 <sup>r</sup>	648,468 <sup>r</sup>	-
9	Thermal (2 + 5) .....	7,533,384	7,618,846	62,865	38,800
10	Total net generation (7 + 8) .....	36,495,553	40,198,677 <sup>r</sup>	711,333 <sup>r</sup>	38,800
11	Energy received from other provinces and imported:				
12	Received from other provinces .....	...	...	-	-
13	Imported from United States .....	849,531	673,974	-	-
14	Total received from other provinces and imported (10 + 11) .....	849,531	673,974	-	-
15	Total supply of energy (9 + 12) .....	37,345,084	40,872,651 <sup>r</sup>	711,333 <sup>r</sup>	38,800
	<u>Disposal of electric energy</u>				
16	Energy delivered to other provinces and exported:				
17	Delivered to other provinces - Firm .....	...	...	13,372 <sup>r</sup>	-
18	Secondary .....	...	...	5,861 <sup>r</sup>	-
19	Exported to United States - Firm .....	198,925	152,038	-	-
20	Secondary .....	676,844	742,631	-	-
21	Total delivered to other provinces and exported (14 + 15 + 16 + 17) .....	875,769	894,669	19,233	-
22	Total made available for use in Canada (13 - 18) ....	36,469,315	39,977,982	692,100	38,800
23	Energy used in own plant - Firm .....	...(3)	8,913,440 <sup>r</sup>	256,226 <sup>r</sup>	-
24	Secondary .....	...(3)	619,966	-	-
25	Total used in own plant (20 + 21) .....	...(3)	9,533,406 <sup>r</sup>	256,226 <sup>r</sup>	-
26	Sales to ultimate customers:				
27	Power - Firm .....	20,126,116 <sup>r</sup>	13,050,337 <sup>r</sup>	296,246 <sup>r</sup>	843
28	Secondary .....	887,139	377,269	330	3,023
29	General service (commercial) .....	3,287,777 <sup>r</sup>	3,575,951	25,490	14,088
30	Domestic .....	7,587,033	8,144,484	74,423	16,271
31	Farm(1) .....	330,392	353,361	-	-
32	Street lighting .....	240,778 <sup>r</sup>	258,441	2,635	513
33	Total sales to ultimate customers (23 + 24 + 25 + 26 + 27 + 28) .....	32,459,235 <sup>r</sup>	25,759,843 <sup>r</sup>	399,124 <sup>r</sup>	34,738
34	Unallocated energy(2) .....	2,534,464	2,997,016	33,886	3,31
35	Distribution by non-respondents .....	1,475,616 <sup>r</sup>	1,687,717 <sup>r</sup>	2,864	752
36	Total disposal of energy (18 + 22 + 29 + 30 + 31) .....	37,345,084	40,872,651 <sup>r</sup>	711,333 <sup>r</sup>	38,800

(1) Many utilities cannot distinguish between domestic and farm, as they do not keep separate records

(2) Includes losses, unaccounted for, and cyclical billing adjustment.

TABLE 3. Cumulative Preliminary Electric Energy Statistics  
January - May 1966

Nova Scotia	New-Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Yukon and N.W.T.	No.
thousand kwh.									
177,013	584,770	25,290,459	15,837,926	2,648,561	736,992	574,567	7,058,903	117,999	1
1,007,733	727,246	183,762	4,877,983	43,744	939,825	1,997,356	1,488,466	12,757	2
1,184,746	1,312,016	25,474,221	20,715,909	2,692,305	1,676,817	2,571,923	8,547,369	130,756	3
29,281	108,525	65,000	2,296,229	273,485	134,325	9,731	15,091	-	4
-	8,042	408	829,557	-	-	-	203,809	-	5
29,281	116,567	65,408	3,125,786	273,485	134,325	9,731	218,900	-	6
54,534	-	1,891,207	- <sup>r</sup>	3,666	267,153	15,091	9,731	-	7
31,189	29,281	424,862	38,057	133,621	729	-	-	-	8
-	103,738	6,034	165,582	-	-	-	1,072	-	9
-	40,039	543	1,002,949	-	-	-	211,925	-	10
85,723	173,058	2,322,646	1,206,588	137,287	267,882	15,091	222,728	-	11
1,128,304	1,255,525 <sup>r</sup>	23,216,983	22,635,107	2,828,503	1,543,260	2,566,563	8,543,541	130,756	12
2,739 <sup>r</sup>	16,668 <sup>r</sup>	869,029	312,286 <sup>r</sup>	125,820	5,794	973 <sup>r</sup>	146,772	29,705	13
1,125,565 <sup>r</sup>	1,238,857 <sup>r</sup>	22,347,954	22,322,821 <sup>r</sup>	2,702,683	1,537,466	2,565,590 <sup>r</sup>	8,396,769	101,051	14

... Figures not appropriate or not applicable.

TABLE 4. Cumulative Supply and Disposal of Electric Energy  
January - March 1966

Nova Scotia	New-Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Yukon and N.W.T.	No.
thousand kwh.									
92,737	246,709	10,649,620	8,997,369	1,688,804	327,864	392,945	2,077,685	64,269	1
599,220	331,265	28,801	3,036,517	30,367	676,444	1,163,463	666,126	8,298	2
691,957	577,974	10,678,421	12,033,886	1,719,171	1,004,308	1,556,408	2,743,811	72,567	3
5,727	9,986	4,752,656	423,028	15,766	19,251	-	2,156,477	10,470	4
62,190	152,480	94,418	255,349	22	26,444	94,038	291,739	-	5
67,917	162,466	4,847,074	678,377	15,788	45,695	94,038	2,448,216	10,470	6
98,464	256,695	15,402,276	9,420,397	1,704,570	347,115	392,945	4,234,162	74,739	7
661,410	483,745	123,219	3,291,866	30,389	702,888	1,257,501	957,865	8,298	8
759,874	740,440	15,525,495	12,712,263	1,734,959	1,050,003	1,650,446	5,192,027	83,037	9
2,483	82,749	38,993	1,329,823	167,518	97,168	6,068	15,091	-	10
-	1,879	261	526,782	-	-	-	145,052	-	11
2,483	84,628	39,254	1,856,605	167,518	97,168	6,068	160,143	-	12
762,357	825,068	15,564,749	14,568,868	1,902,477	1,147,171	1,656,514	5,352,170	83,037	13
36,601	-	1,133,616	-	2,171	163,706	15,091	6,068	-	14
30,035	2,483	210,687	23,352	96,630	220	-	-	-	15
-	48,698	3,801	98,876	-	-	-	663	-	16
-	19,435	515	571,096	-	-	-	151,585	-	17
66,636	70,616	1,348,619	693,324	98,801	163,926	15,091	158,316	-	18
695,721	754,452	14,216,130	13,875,544	1,803,676	983,245	1,641,423	5,193,854	83,037	19
81,426	266,758 <sup>r</sup>	4,066,848	1,400,549 <sup>r</sup>	162,216	38,761	122,524	2,508,932	9,200	20
-	-	417,190	76,528	29,208	3,403	-	91,955	1,682	21
81,426	266,758 <sup>r</sup>	4,484,038	1,477,077 <sup>r</sup>	191,424	42,164	122,524	2,600,887	10,882	22
176,632	188,048 <sup>r</sup>	5,104,231	5,057,700 <sup>r</sup>	574,596	272,351	554,166 <sup>r</sup>	792,151	33,373	23
2,739	16,668	157,897	131,911	46,020	-	973	-	17,708	24
140,013	83,346	726,454	1,402,594	226,913	154,098	247,570	547,789	7,596	25
193,260	145,248	2,487,087	3,225,076	499,369	241,877	366,576	888,215	7,082	26
-	-	-	-	122,188	116,674	114,499	-	-	27
5,400	4,964	71,613	85,966	19,761	9,234	29,189	28,980	186	28
518,044	438,274 <sup>r</sup>	8,547,282	9,903,247 <sup>r</sup>	1,488,847	794,234	1,312,973 <sup>r</sup>	2,257,135	65,945	29
48,540	42,000	1,021,585	1,139,558	123,405	135,486	175,189	271,654	2,403	30
47,711	7,420	163,225	1,355,662	-	11,361	30,737 <sup>r</sup>	64,178	3,807	31
762,357	825,068	15,564,749	14,568,868	1,902,477	1,147,171	1,656,514	5,352,170	83,037	32

(3) Amount used in own plant is included in firm and secondary power sales in 1965.

... Figures not appropriate or not applicable.



TABLE 5. Supply of Electric Energy

January - May 1966

Month	Total net generation	Imports from United States	Exports to United States	Net energy made available in Canada thousand kwh.	Secondary energy used in Canada	Firm energy made available in Canada	Daily average, total net generation
January .....	13,966,466 <sup>r</sup>	245,055	311,392	13,900,129 <sup>r</sup>	324,138	13,575,991 <sup>r</sup>	450,531 <sup>r</sup>
February .....	12,612,938 <sup>r</sup>	213,019	278,318	12,547,639 <sup>r</sup>	317,954	12,229,685 <sup>r</sup>	450,462 <sup>r</sup>
March .....	13,619,273 <sup>r</sup>	215,900	304,959	13,530,214 <sup>r</sup>	355,143 <sup>r</sup>	13,175,071 <sup>r</sup>	439,331 <sup>r</sup>
April .....	12,555,402	176,750	309,433	12,422,719	270,489	12,152,230	418,513
May .....	12,817,538	191,092	327,780	12,680,850	245,415	12,435,435	413,470
June .....							
July .....							
August .....							
September .....							
October .....							
November .....							
December .....							
Year .....							

<sup>r</sup> Revised figures.

TABLE 6. Sales of Electric Energy to Ultimate Customers

January - March 1966

Year and month	Domestic	Farm(1)	General service (commercial)	Firm power(2)	Secondary power(2)	Total power(2)	Street lighting	Total sales to ultimate customers
	thousand kwh.							
1964 .....	23,934,160	945,237	11,082,698	76,994,091	3,415,366	80,409,457	835,158	117,206,710
1965 .....	25,795,091	1,092,482	12,398,338	82,854,369	3,809,402	86,663,771	917,637	126,867,319
1966 - January .....	2,732,447	98,297	1,214,383	7,449,902 <sup>r</sup>	324,138	7,774,040 <sup>r</sup>	91,290	11,910,457 <sup>r</sup>
February .....	2,750,972	130,008	1,195,365	7,013,717 <sup>r</sup>	317,954	7,331,671	85,085	11,493,101 <sup>r</sup>
March .....	2,661,065	125,056	1,166,203	7,500,158	355,143 <sup>r</sup>	7,855,301	82,066	11,889,691
April .....								
May .....								
June .....								
July .....								
August .....								
September .....								
October .....								
November .....								
December .....								
Year .....								

(1) Many utilities cannot distinguish between domestic and farm, as they do not keep separate records.

(2) Includes sales to industrial establishments with generating facilities.

TABLE 7. Net Generation, 1961-66

CANADA

Year and Month	Utilities			Industry			Grand total
	Hydro	Thermal	Total	Hydro	Thermal	Total	
	thousand kwh.						
1961 .....	82,014,614	7,049,079	89,063,693	21,660,132	2,497,588	24,157,720	113,221,413
1962 .....	80,861,406	10,781,660	91,643,066	22,789,817	2,570,288	25,360,105	117,003,171
1963 .....	80,214,421	15,428,726	95,643,147	23,102,958	2,811,630	25,914,588	121,557,735
1964 .....	84,888,835	17,588,035	102,476,870	28,336,790	3,478,537	31,815,327	134,292,197
1965 .....	87,490,735	22,572,614	110,063,349	29,219,645	3,877,684	33,097,329	143,160,678
1966 - January .....	8,617,208	2,413,701	11,030,909	2,603,539 <sup>r</sup>	332,018	2,935,557 <sup>r</sup>	13,966,466 <sup>r</sup>
February .....	7,774,154	2,139,397 <sup>r</sup>	9,913,551	2,385,020 <sup>r</sup>	314,367 <sup>r</sup>	2,699,387 <sup>r</sup>	12,612,938 <sup>r</sup>
March .....	8,680,269	2,073,002 <sup>r</sup>	10,753,271 <sup>r</sup>	2,519,641 <sup>r</sup>	346,361 <sup>r</sup>	2,866,002 <sup>r</sup>	13,619,273 <sup>r</sup>
April .....	8,155,946	1,710,804	9,866,750	2,374,452	314,200	2,688,652	12,555,402
May .....	8,596,917	1,485,273	10,082,190	2,430,858	304,490	2,735,348	12,817,538
June .....							
July .....							
August .....							
September .....							
October .....							
November .....							
December .....							

<sup>r</sup> Revised figures.







CATALOGUE No.

57-001

MONTHLY

# DOMINION BUREAU OF STATISTICS

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PERIODICALS READING ROOM

## ELECTRIC POWER STATISTICS

JUNE 1966

Table 1 of this report contains preliminary statistics on energy generation, imports, exports and secondary for the month of June 1966. These preliminary statistics indicate that net generation increased 13.8 per cent to 12,254,416 thousand kwh. in June 1966 from 10,770,808<sup>r</sup> thousand kwh. generated one year ago.

Imports decreased to 223,435 thousand kwh. from 405,609 thousand kwh. and exports increased to 349,640 thousand kwh. from 278,918 thousand kwh. in June 1965.

Table 2 shows detailed data concerning the amount of energy made available and the disposition of this energy for the month of April 1966. These figures include a breakdown of sales by rate categories for large utilities and industries while distribution by smaller utilities and industries is included in "distribution by non-respondents" (item 31). Distribution by non-respondents is the energy which is delivered by companies which report in this survey to companies which do not report. Consumption of own generation by industrial establishments is included in "used in own plant" (items 20 and 21). Comparable April 1965 data is shown for all categories where available.

Tables 5, 6 and 7 give final data for the months January to April 1966 and preliminary data for other months. In Table 5 secondary energy includes both that used in own plant and that sold to ultimate customers. In April of the 283,278 thousand kwh. of secondary energy 141,384 thousand kwh. was used in own plant, while 141,894 thousand kwh. was sold to ultimate customers.

Total generation for the twelve-months period ending June 30, 1966 amounted to 150,910,608 thousand kwh. compared to 149,427,000<sup>r</sup> thousand kwh. for the period ending in May.

Monthly electric power statistics are designed to provide current information on the production and consumption of electric energy in Canada. In order to expedite the collection and compilation of returns, the series is confined to firms which generate a minimum of 10 million kwh. per annum and to large distributors of electric energy. These firms accounted for 99.5 per cent of total production in 1964.

In the electric power series, net generation is defined as total generation less the amount used in station service.

Industry Division

August 1966  
5503-513

TABLE 1. Preliminary Electric Energy Statistics  
June 1966

No.		Canada 1965	Canada	Newfound- land	Prince Edward Island
thousand kwh.					
1	Net generation - Hydro .....	8,924,146 <sup>r</sup>	10,559,991	214,058	-
2	Thermal .....	1,846,662 <sup>r</sup>	1,694,425	12,741	11,057
3	Total net generation (1 + 2) .....	10,770,808 <sup>r</sup>	12,254,416	226,799	11,057
4	Energy received from other provinces and imported:				
5	Received from other provinces .....	...	...	-	-
6	Imported from United States .....	405,609	223,435	-	-
7	Total received from other provinces and imported (4 + 5) .....	405,609	223,435	-	-
8	Energy delivered to other provinces and exported:				
9	Delivered to other provinces - Firm .....	...	...	3,022	-
10	Secondary .....	...	...	2,408	-
11	Exported to United States - Firm .....	48,304	48,944	-	-
12	Secondary .....	230,614	300,696	-	-
13	Total delivered to other provinces and exported (7 + 8 + 9 + 10) .....	278,918	349,640	5,430	-
14	Total made available for use in Canada (3 + 6 - 11) ....	10,897,499 <sup>r</sup>	12,128,211	221,369	11,057
15	Secondary energy used in Canada(1) .....	145,147 <sup>r</sup>	194,522	-	-
16	Firm energy made available for use in Canada (12 - 13) .....	10,752,352 <sup>r</sup>	11,933,689	221,369	11,057

(1) Includes secondary energy used in own plant and sold to ultimate customers.

TABLE 2. Supply and Disposal of Electric Energy  
April 1966

No.		Canada 1965	Canada	Newfound- land	Prince Edward Island
thousand kwh.					
<u>Supply of electric energy</u>					
1	Net generation:				
2	Utilities - Hydro .....	6,987,216	8,179,134 <sup>r</sup>	190,013	-
3	Thermal .....	1,886,347	1,710,804 <sup>r</sup>	12,252	11,570
4	Totals (1 + 2) .....	8,873,563	9,889,938 <sup>r</sup>	202,265	11,570
5	Industry - Hydro .....	2,258,348	2,376,509 <sup>r</sup>	38,761 <sup>r</sup>	-
6	Thermal .....	307,741 <sup>r</sup>	306,361 <sup>r</sup>	4,604	-
7	Totals (4 + 5) .....	2,566,089 <sup>r</sup>	2,682,870 <sup>r</sup>	43,365 <sup>r</sup>	-
8	Grand total - Hydro (1 + 5) .....	9,245,564	10,555,643 <sup>r</sup>	228,774 <sup>r</sup>	-
9	Thermal (2 + 6) .....	2,194,088 <sup>r</sup>	2,017,165 <sup>r</sup>	16,856	11,570
10	Total net generation (7 + 8) .....	11,439,652 <sup>r</sup>	12,572,808 <sup>r</sup>	245,630 <sup>r</sup>	11,570
11	Energy received from other provinces and imported:				
12	Received from other provinces .....	...	...	-	-
13	Imported from United States .....	291,917	176,750	-	-
14	Total received from other provinces and imported (10 + 11) .....	291,917	176,750	-	-
15	Total supply of energy (9 + 12) .....	11,731,569 <sup>r</sup>	12,749,558	245,630	11,570
<u>Disposal of electric energy</u>					
16	Energy delivered to other provinces and exported:				
17	Delivered to other provinces - Firm .....	...	...	4,896 <sup>r</sup>	-
18	Secondary .....	...	...	2,096 <sup>r</sup>	-
19	Exported to United States - Firm .....	49,307	61,248	-	-
20	Secondary .....	227,818	248,185	-	-
21	Total delivered to other provinces and exported (14 + 15 + 16 + 17) .....	277,125	309,433	6,992	-
22	Total made available for use in Canada (13 - 18) ....	11,454,444	12,440,125	238,638	11,570
23	Energy used in own plant - Firm .....	... (3)	3,054,983	89,345	-
24	Secondary .....	... (3)	141,384	-	-
25	Total used in own plant (20 + 21) .....	... (3)	3,196,367	89,345	-
26	Sales to ultimate customers:				
27	Power - Firm .....	6,806,232 <sup>r</sup>	4,374,528	106,264	244
28	Secondary .....	262,411 <sup>r</sup>	141,894 <sup>r</sup>	163	930 <sup>r</sup>
29	General service (commercial) .....	1,043,971 <sup>r</sup>	1,152,311	8,347	4,509
30	Domestic .....	2,124,554 <sup>r</sup>	2,495,740	23,937	5,227
31	Farm(1) .....	270,621 <sup>r</sup>	115,033	-	-
32	Street lighting .....	72,466 <sup>r</sup>	78,366	787	145
33	Total sales to ultimate customers (23 + 24 + 25 + 26 + 27 + 28) .....	10,580,255 <sup>r</sup>	8,357,872	139,498	11,055
34	Unallocated energy(2) .....	426,910 <sup>r</sup>	387,531	9,354	306
35	Distribution by non-respondents .....	447,279 <sup>r</sup>	498,355	441	209
36	Total disposal of energy (18 + 22 + 24 + 30 + 31) .....	11,731,569 <sup>r</sup>	12,749,558	245,630	11,570

(1) Many utilities cannot distinguish between domestic and farm, as they do not keep separate records

(2) Includes losses, unaccounted for, and cyclical billing adjustment.

TABLE 1. Preliminary Electric Energy Statistics

June 1966

Nova Scotia	New- Brunswick	Quebec	Ontario	Manitoba	Saskat- chewan	Alberta	British Columbia	Yukon and N.W.T.	No.
thousand kwh.									
34,050	110,001	4,828,305	3,205,943	415,732	191,795	141,104	1,396,595	22,408	1
198,263	137,130	32,180	621,948	11,801	119,345	307,825	240,161	1,974	2
232,313	247,131	4,860,485	3,827,891	427,533	311,140	448,929	1,636,756	24,382	3
872	29,117	13,346	544,007	53,694	8,003	3,212	-	-	4
-	261	72	173,974	-	-	-	49,128	-	5
872	29,378	13,418	717,981	53,694	8,003	3,212	49,128	-	6
16,865	-	380,709	-	730	51,641	-	3,212	-	7
10,306	872	164,519	9,335	7,998	634	-	-	-	8
-	14,725	1,088	32,946	-	-	-	185	-	9
-	11,128	540	260,038	-	-	-	28,990	-	10
27,171	26,725	546,856	302,319	8,728	52,275	-	32,387	-	11
206,014	249,784	4,327,047	4,243,553	472,499	266,868	452,141	1,653,497	24,382	12
-	1,957	120,304	33,773	10,335	970	-	23,658	3,525	13
206,014	247,827	4,206,743	4,209,780	462,164	265,898	452,141	1,629,839	20,857	14

TABLE 2. Supply and Disposal of Electric Energy

April 1966

Nova Scotia	New- Brunswick	Quebec	Ontario	Manitoba	Saskat- chewan	Alberta	British Columbia	Yukon and N.W.T.	No.
thousand kwh.									
40,519	151,065	3,408,303 <sup>r</sup>	2,948,987	478,735	184,540	81,366	676,873	18,733	1
146,962	79,604	1,234	813,922	4,827	110,723	349,355	178,091	2,264	2
187,481	230,669	3,409,537 <sup>r</sup>	3,762,909	483,562	295,263	430,721	854,964	20,997	3
2,651	7,487	1,471,834 <sup>r</sup>	136,640	4,860	6,253	-	704,762	3,261	4
18,535	45,791	28,632 <sup>r</sup>	80,702 <sup>r</sup>	9	9,972	30,007	88,109	-	5
21,186	53,278	1,500,466 <sup>r</sup>	217,342 <sup>r</sup>	4,869	16,225	30,007	792,871	3,261	6
43,170	158,552	4,880,137 <sup>r</sup>	3,085,627	483,595	190,793	81,366	1,381,635	21,994	7
165,497	125,395	29,866 <sup>r</sup>	894,624 <sup>r</sup>	4,836	120,695	379,362	266,200	2,264	8
208,667	283,947	4,910,003 <sup>r</sup>	3,980,251 <sup>r</sup>	488,431	311,488	460,728	1,647,835	24,258	9
11,634	8,850	13,178 <sup>r</sup>	470,269	53,627	20,904	1,590	-	-	10
-	2,507	78	147,367	-	-	-	26,798	-	11
11,634	11,357	13,256 <sup>r</sup>	617,636	53,627	20,904	1,590	26,798	-	12
220,301	295,304	4,923,259	4,597,887	542,058	332,392	462,318	1,674,633	24,258	13
5,528	-	380,437	- <sup>r</sup>	614	52,787	-	1,590	-	14
338	11,634	92,183	6,837	20,923	189	-	-	-	15
-	27,345	1,023	32,682	-	-	-	198	-	16
-	10,154	25	210,514	-	-	-	27,492	-	17
5,866	49,133	473,668	250,033 <sup>r</sup>	21,537	52,976	-	29,280	-	18
214,435	246,171	4,449,591	4,347,854	520,521	279,416	462,318	1,645,353	24,258	19
25,618	89,562	1,409,670	468,884	53,123	13,662	39,890	862,449	2,780	20
-	71	76,667	22,937	11,990	1,139	-	28,083	497	21
25,618	89,633	1,486,337	491,821	65,113	14,801	39,890	890,532	3,277	22
59,328	72,622	1,708,757	1,706,445	186,313	86,561	179,065	258,943	9,986	23
354 <sup>r</sup>	5,714	76,943 <sup>r</sup>	38,070 <sup>r</sup>	14,934 <sup>r</sup>	-	332 <sup>r</sup>	-	4,454 <sup>r</sup>	24
44,371	25,217	227,889	472,083	64,175	52,389	71,797	179,712	1,822	25
59,657	44,465	758,903	1,053,272	129,929	60,577	94,948	263,702	1,123	26
-	-	-	-	33,089	40,984	40,960	-	-	27
2,281	1,913	23,002	27,681	4,996	2,216	7,624	7,689	32	28
165,991	149,931	2,795,494	3,297,551	433,436	242,727	394,726	710,046	17,417	29
8,010	4,295	116,324	157,409	21,972	18,945	20,205	28,172	2,539	30
14,816	2,312	51,436	401,073	-	2,943	7,497	16,603	1,025	31
220,301	295,304	4,923,259	4,597,887	542,058	332,392	462,318	1,674,633	24,258	32

3) Amount used in own plant is included in firm and secondary power sales in 1965.

.. Figures not appropriate or not applicable.



TABLE 3. Cumulative Preliminary Electric Energy Statistics

January - June 1966

No.		Canada 1965	Canada	Newfound- land	Prince Edward Island
		thousand kwh.			
1	Net generation - Hydro .....	56,896,935	64,700,732 <sup>r</sup>	1,328,411 <sup>r</sup>	-
2	Thermal .....	13,173,259	13,120,199 <sup>r</sup>	105,474 <sup>r</sup>	73,065
3	Total net generation (1 + 2) .....	70,070,194	77,820,931 <sup>r</sup>	1,433,885 <sup>r</sup>	73,065
4	Energy received from other provinces and imported:				
5	Received from other provinces .....	...	...	-	-
6	Imported from United States .....	1,874,976	1,265,251	-	-
7	Total received from other provinces and imported (4 + 5) .....	1,874,976	1,265,251	-	-
8	Energy delivered to other provinces and exported:				
9	Delivered to other provinces - Firm .....	...	...	24,927	-
10	Secondary .....	...	...	13,049	-
11	Exported to United States - Firm .....	355,253	325,370	-	-
12	Secondary .....	1,394,081	1,556,152	-	-
13	Total delivered to other provinces and exported (7 + 8 + 9 + 10) .....	1,749,334	1,881,522 <sup>r</sup>	37,976	-
14	Total made available for use in Canada (3 + 6 - 11) ....	70,195,836	77,204,660 <sup>r</sup>	1,395,909 <sup>r</sup>	73,065
15	Secondary energy used in Canada(1) .....	1,505,438	1,741,577 <sup>r</sup>	493 <sup>r</sup>	3,953 <sup>r</sup>
16	Firm energy made available for use in Canada (12 - 13) .....	68,690,398	75,463,083 <sup>r</sup>	1,395,416 <sup>r</sup>	69,112 <sup>r</sup>

(1) Includes secondary energy used in own plant and sold to ultimate customers.

TABLE 4. Cumulative Supply and Disposal of Electric Energy

January - April 1966

No.		Canada 1965	Canada	Newfound- land	Prince Edward Island
		thousand kwh.			
	<u>Supply of electric energy</u>				
	Net generation:				
1	Utilities - Hydro .....	28,696,605	31,248,257 <sup>r</sup>	723,642	-
2	Thermal .....	8,455,136	8,336,904	59,051	50,370
3	Totals (1 + 2) .....	37,151,741	41,565,161 <sup>r</sup>	782,693	50,370
4	Industry - Hydro .....	9,511,128	9,884,709 <sup>r</sup>	153,600 <sup>r</sup>	-
5	Thermal .....	1,271,920	1,299,107 <sup>r</sup>	20,670 <sup>r</sup>	-
6	Totals (4 + 5) .....	10,783,048	11,183,816 <sup>r</sup>	174,270 <sup>r</sup>	-
7	Grand total - Hydro (1 + 4) .....	38,207,733	43,112,966 <sup>r</sup>	877,242 <sup>r</sup>	-
8	Thermal (2 + 5) .....	9,727,056	9,636,011 <sup>r</sup>	79,721 <sup>r</sup>	50,370
9	Total net generation (7 + 8) .....	47,934,789	52,748,977 <sup>r</sup>	956,963 <sup>r</sup>	50,370
10	Energy received from other provinces and imported:				
11	Received from other provinces .....	...	...	-	-
12	Imported from United States .....	1,141,448	850,724	-	-
13	Total received from other provinces and imported (10 + 11) .....	1,141,448	850,724	-	-
14	Total supply of energy (9 + 12) .....	49,076,237	53,599,701	956,963	50,370
	<u>Disposal of electric energy</u>				
15	Energy delivered to other provinces and exported:				
16	Delivered to other provinces - Firm .....	...	...	18,268 <sup>r</sup>	-
17	Secondary .....	...	...	7,957 <sup>r</sup>	-
18	Exported to United States - Firm .....	248,232	213,286	-	-
19	Secondary .....	904,662	990,816	-	-
20	Total delivered to other provinces and exported (14 + 15 + 16 + 17) .....	1,152,894	1,204,102	26,225	-
21	Total made available for use in Canada (13 - 18) ....	47,923,343	52,395,599	930,738	50,370
22	Energy used in own plant - Firm .....	...(3)	11,947,096 <sup>r</sup>	345,571 <sup>r</sup>	-
23	Secondary .....	...(3)	782,677 <sup>r</sup>	-	-
24	Total used in own plant (20 + 21) .....	...(3)	12,729,773 <sup>r</sup>	345,571 <sup>r</sup>	-
25	Sales to ultimate customers:				
26	Power - Firm .....	26,939,210 <sup>r</sup>	17,402,256 <sup>r</sup>	402,510	1,087
27	Secondary .....	1,142,272	519,163	493	3,953
28	General service (commercial) .....	4,331,748	4,745,748 <sup>r</sup>	33,837	18,597
29	Domestic .....	9,875,116	10,643,984 <sup>r</sup>	98,360	21,498
30	Farm(1) .....	437,484	468,394	-	-
31	Street lighting .....	313,244 <sup>r</sup>	337,060 <sup>r</sup>	3,422	658
32	Total sales to ultimate customers (23 + 24 + 25 + 26 + 27 + 28) .....	43,039,074 <sup>r</sup>	34,116,605 <sup>r</sup>	538,622	3,773
33	Unallocated energy(2) .....	2,961,374	3,363,149 <sup>r</sup>	43,240	3,953
34	Distribution by non-respondents .....	1,922,895 <sup>r</sup>	2,186,072 <sup>r</sup>	3,305	...
35	Total disposal of energy (18 + 22 + 29 + 30 + 31) .....	49,076,237	53,599,701	956,963	50,370

(1) Many utilities cannot distinguish between domestic and farm, as they do not keep separate records

(2) Includes losses, unaccounted for, and cyclical billing adjustment.

TABLE 3. Cumulative Preliminary Electric Energy Statistics  
January - June 1966

Nova Scotia	New-Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Yukon and N.W.T.	No.
thousand kwh.									
211,063	694,771	30,117,962	19,043,869	3,064,293	928,787	715,671	8,455,498	140,407	1
1,205,996	864,376	215,824	5,492,210	55,545	1,059,170	2,305,181	1,728,627	14,731	2
1,417,059	1,559,147	30,333,786	24,536,079	3,119,838	1,987,957	3,020,852	10,184,125	155,138	3
30,153	137,642	78,346	2,840,236	327,179	142,328	12,943	15,091	-	4
-	8,303	480	1,003,531	-	-	-	252,937	-	5
30,153	145,945	78,826	3,843,767	327,179	142,328	12,943	268,028	-	6
71,399	-	2,271,916	-	4,396	318,794	15,091	12,943	-	7
41,495	30,153	589,381	47,392	141,619	1,363	-	-	-	8
-	118,463	7,122	198,528	-	-	-	1,257	-	9
-	51,167	1,083	1,262,987	-	-	-	240,915	-	10
112,894	199,783	2,869,502	1,508,907	146,015	320,157	15,091	255,115	-	11
1,334,318	1,505,309	27,543,110	26,870,939	3,301,002	1,810,128	3,018,704	10,197,038	155,138	12
3,093	45,537	989,332	351,906	135,862	6,764	1,305	170,430	32,902	13
1,331,225	1,459,772	26,553,778	26,519,033	3,165,140	1,803,364	3,017,399	10,026,608	122,236	14

TABLE 4. Cumulative Supply and Disposal of Electric Energy  
January - April 1966

Nova Scotia	New-Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Yukon and N.W.T.	No.
thousand kwh.									
133,256	397,774	14,035,415	11,946,356	2,167,539	512,404	474,311	2,754,558	83,002	1
746,182	410,869	30,035	3,850,439	35,194	787,167	1,512,818	844,217	10,562	2
879,438	808,643	14,065,450	15,796,795	2,202,733	1,299,571	1,987,129	3,598,775	93,564	3
8,378	17,473	6,224,490	559,668	20,626	25,504	-	2,861,239	13,731	4
80,725	198,271	123,050	336,051	31	36,416	124,045	379,848	-	5
89,103	215,744	6,347,540	895,719	20,657	61,920	124,045	3,241,087	13,731	6
141,634	415,247	20,259,905	12,506,024	2,188,165	537,908	474,311	5,615,797	96,733	7
826,907	609,140	153,085	4,186,490	35,225	823,583	1,636,863	1,224,065	10,562	8
968,541	1,024,387	20,412,990	16,692,514	2,223,390	1,361,491	2,111,174	6,839,862	107,295	9
14,117	91,599	52,171	1,800,092	221,145	118,072	7,658	15,091	-	10
-	4,386	339	674,149	-	-	-	171,850	-	11
14,117	95,985	52,510	2,474,241	221,145	118,072	7,658	186,941	-	12
982,658	1,120,372	20,465,500	19,166,755	2,444,535	1,479,563	2,118,832	7,026,803	107,295	13
42,129	-	1,514,053	-	2,785	216,493	15,091	7,658	-	14
30,373	14,117	302,870	30,189	117,553	409	-	-	-	15
-	76,043	4,824	131,558	-	-	-	861	-	16
-	29,589	540	781,610	-	-	-	179,077	-	17
72,502	119,749	1,822,287	943,357	120,338	216,902	15,091	187,596	-	18
910,156	1,000,623	18,643,213	18,223,398	2,324,197	1,262,661	2,103,741	6,839,207	107,295	19
107,044	335,193	5,476,318	1,869,433	215,339	52,423	162,414	3,371,381	11,980	20
-	21,198	494,057	99,465	41,198	4,542	-	120,038	2,179	21
107,044	356,391	5,970,375	1,968,898	256,537	56,965	162,414	3,491,419	14,159	22
235,960	260,670	6,812,988	6,764,145	760,909	336,303	733,231	1,051,094	43,359	23
3,093	22,382	234,840	169,981	60,954	-	1,305	-	22,162	24
184,384	108,563	954,343	1,874,677	291,088	223,973	319,367	727,501	9,418	25
252,917	189,713	3,245,990	4,278,348	629,298	306,214	461,524	1,151,917	8,205	26
-	-	-	-	155,277	157,658	155,459	-	-	27
7,681	6,877	94,615	113,647	24,757	11,703	36,813	36,669	218	28
684,035	588,205	11,342,776	13,200,798	1,922,283	1,035,851	1,707,699	2,967,181	83,362	29
56,550	46,295	1,115,401	1,296,967	145,377	155,541	195,394	299,826	4,942	30
62,527	9,732	214,661	1,756,735	-	14,304	38,234	80,781	4,832	31
982,658	1,120,372	20,465,500	19,166,755	2,444,535	1,479,563	2,118,832	7,026,803	107,295	32

3) Amount used in own plant is included in firm and secondary power sales in 1965.  
.. Figures not appropriate or not applicable.

TABLE 5. Supply of Electric Energy

January - June 1966

Month	Total net generation	Imports from United States	Exports to United States	Net energy made available in Canada	Secondary energy used in Canada	Firm energy made available in Canada	Daily average, total net generation
thousand kwh.							
January .....	13,966,466	245,055	311,392	13,900,129	330,769 <sup>r</sup>	13,569,360 <sup>r</sup>	450,531
February .....	12,612,938	213,019	278,318	12,547,639	325,415 <sup>r</sup>	12,222,224 <sup>r</sup>	450,462
March .....	13,596,765 <sup>r</sup>	215,900	304,959	13,507,706 <sup>r</sup>	362,178 <sup>r</sup>	13,145,528 <sup>r</sup>	438,605 <sup>r</sup>
April .....	12,572,808 <sup>r</sup>	176,750	309,433	12,440,125 <sup>r</sup>	283,278 <sup>r</sup>	12,156,847 <sup>r</sup>	419,094 <sup>r</sup>
May .....	12,817,538	191,092	327,780	12,680,850	245,415	12,435,435	413,470
June .....	12,254,416	223,435	349,640	12,128,211	194,522	11,933,689	408,481
July .....							
August .....							
September .....							
October .....							
November .....							
December .....							
Year .....							

<sup>r</sup> Revised figures.

TABLE 6. Sales of Electric Energy to Ultimate Customers

January - April 1966

Year and month	Domestic	Farm(1)	General service (commercial)	Firm power(2)	Secondary power(2)	Total power(2)	Street lighting	Total sales to ultimate customers
thousand kwh.								
1964 .....	23,934,160	945,237	11,082,698	76,994,091	3,415,366	80,409,457	835,158	117,206,710
1965 .....	25,795,091	1,092,482	12,398,338	82,854,369	3,809,402	86,663,771	917,637	126,867,319
1966 - January .....	2,734,290 <sup>r</sup>	98,297	1,223,072 <sup>r</sup>	7,430,921 <sup>r</sup>	330,769 <sup>r</sup>	7,761,690 <sup>r</sup>	91,436 <sup>r</sup>	11,908,785 <sup>r</sup>
February .....	2,752,889 <sup>r</sup>	130,008	1,204,162 <sup>r</sup>	6,995,997 <sup>r</sup>	325,415 <sup>r</sup>	7,321,412 <sup>r</sup>	85,192 <sup>r</sup>	11,493,663 <sup>r</sup>
March .....	2,661,065	125,056	1,166,203	7,493,123 <sup>r</sup>	362,178 <sup>r</sup>	7,855,301 <sup>r</sup>	82,066	11,889,691
April .....	2,495,740	115,033	1,152,311	7,429,511	283,278 <sup>r</sup>	7,712,789 <sup>r</sup>	78,366	11,554,239
May .....								
June .....								
July .....								
August .....								
September .....								
October .....								
November .....								
December .....								
Year .....								

(1) Many utilities cannot distinguish between domestic and farm, as they do not keep separate records.

(2) Includes sales to industrial establishments with generating facilities.

TABLE 7. Net Generation, 1961-66

CANADA

Year and month	Utilities			Industry			Grand total
	Hydro	Thermal	Total	Hydro	Thermal	Total	
thousand kwh.							
1961 .....	82,014,614	7,049,079	89,063,693	21,660,132	2,497,588	24,157,720	113,221,413
1962 .....	80,861,406	10,781,660	91,643,066	22,789,817	2,570,288	25,360,105	117,003,171
1963 .....	80,214,421	15,428,726	95,643,147	23,102,958	2,811,630	25,914,588	121,557,735
1964 .....	84,888,835	17,588,035	102,476,870	28,336,790	3,478,537	31,815,327	134,292,197
1965 .....	87,490,735	22,572,614	110,063,349	29,219,645	3,877,684	33,097,329	143,160,678
1966 - January .....	8,617,208	2,413,701	11,030,909	2,603,539	332,018	2,935,557	13,966,466
February .....	7,774,154	2,139,397	9,913,551	2,385,020	314,367	2,699,387	12,612,938
March .....	8,657,761 <sup>r</sup>	2,073,002 <sup>r</sup>	10,730,763 <sup>r</sup>	2,519,641	346,361	2,866,002	13,596,765 <sup>r</sup>
April .....	8,179,134 <sup>r</sup>	1,710,804 <sup>r</sup>	9,889,938 <sup>r</sup>	2,376,509 <sup>r</sup>	306,361 <sup>r</sup>	2,682,870 <sup>r</sup>	12,572,808 <sup>r</sup>
May .....	8,596,917	1,485,273	10,082,190	2,430,858	304,490	2,735,348	12,817,538
June .....	8,224,335	1,387,164	9,611,499	2,335,656	307,261	2,642,917	12,254,416
July .....							
August .....							
September .....							
October .....							
November .....							
December .....							

<sup>r</sup> Revised figures.







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## ELECTRIC POWER STATISTICS

JULY 1966

Table 1 of this report contains preliminary statistics on energy generation, imports, exports and secondary for the month of July 1966. These preliminary statistics indicate that net generation increased 9.1 per cent to 11,824,226 thousand kwh. in July 1966 from 10,830,559<sup>r</sup> thousand kwh. generated one year ago.

Imports decreased to 312,122 thousand kwh. from 374,230 thousand kwh. and exports increased to 329,833 thousand kwh. from 279,779 thousand kwh. in July 1965.

Table 2 shows detailed data concerning the amount of energy made available and the disposition of this energy for the month of May 1966. These figures include a breakdown of sales by rate categories for large utilities and industries while distribution by smaller utilities and industries is included in "distribution by non-respondents" (item 31). Distribution by non-respondents is the energy which is delivered by companies which report in this survey to companies which do not report. Consumption of own generation by industrial establishments is included in "used in own plant" (items 20 and 21). Comparable May 1965 data is shown for all categories where available.

Table 5, 6 and 7 give final data for the months January to May 1966 and preliminary data for other months. In Table 5 secondary energy includes both that used in own plant and that sold to ultimate customers. In May, of the 264,119 thousand kwh. of secondary energy, 93,221 thousand kwh. was used in own plant, while 170,898 thousand kwh. was sold to ultimate customers.

Total generation for the twelve-month period ending July 31, 1966 amounted to 151,903,402 thousand kwh. compared to 150,909,753<sup>r</sup> thousand kwh. for the period ending in June.

Monthly electric power statistics are designed to provide current information on the production and consumption of electric energy in Canada. In order to expedite the collection and compilation of returns, the series is confined to firms which generate a minimum of 10 million kwh. per annum and to large distributors of electric energy. These firms accounted for 99.5 per cent of total production in 1964.

In the electric power series, net generation is defined as total generation less the amount used in station service.

Industry Division

September 1966  
6503-513

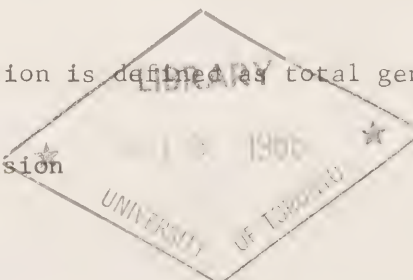




TABLE 1. Preliminary Electric Energy Statistics

July 1966

No.		Canada 1965	Canada	Newfound- land	Prince Edward Island
			thousand kwh.		
1	Net generation - Hydro .....	8,891,464	10,071,627	190,606	-
2	Thermal .....	1,939,095 <sup>r</sup>	1,752,599	22,311	12,267
3	Total net generation (1 + 2) .....	10,830,559 <sup>r</sup>	11,824,226	212,917	12,267
4	Energy received from other provinces and imported:				
5	Received from other provinces .....	...	...	-	-
6	Imported from United States .....	374,230	312,122	-	-
7	Total received from other provinces and imported (4 + 5) .....	374,230	312,122	-	-
8	Energy delivered to other provinces and exported:				
9	Delivered to other provinces - Firm .....	...	...	3,900	-
10	Secondary .....	...	...	2,231	-
11	Exported to United States - Firm .....	40,413 <sup>r</sup>	44,398	-	-
12	Secondary .....	239,366 <sup>r</sup>	285,435	-	-
13	Total delivered to other provinces and exported (7 + 8 + 9 + 10) .....	279,779	329,833	6,131	-
14	Total made available for use in Canada (3 + 6 - 11) ....	10,925,010 <sup>r</sup>	11,806,515	206,786	12,267
15	Secondary energy used in Canada(1) .....	226,798 <sup>r</sup>	199,875	-	-
16	Firm energy made available for use in Canada (12 - 13) .....	10,698,212 <sup>r</sup>	11,606,640	206,786	12,267

(1) Includes secondary energy used in own plant and sold to ultimate customers.

TABLE 2. Supply and Disposal of Electric Energy

May 1966

No.		Canada 1965	Canada	Newfound- land	Prince Edward Island
			thousand kwh.		
	<u>Supply of electric energy</u>				
	Net generation:				
1	Utilities - Hydro .....	7,512,586	8,596,917	196,777	-
2	Thermal .....	1,271,801	1,484,828 <sup>r</sup>	7,599	11,638
3	Totals (1 + 2) .....	8,784,387	10,081,745 <sup>r</sup>	204,376	11,638
4	Industry - Hydro .....	2,251,452	2,430,858	40,334	-
5	Thermal .....	329,559 <sup>r</sup>	304,490	5,413	-
6	Totals (4 + 5) .....	2,581,011 <sup>r</sup>	2,735,348	45,747	-
7	Grand total - Hydro (1 + 4) .....	9,764,038	11,027,775	237,111	-
8	Thermal (2 + 5) .....	1,601,360 <sup>r</sup>	1,789,318 <sup>r</sup>	13,012	11,638
9	Total net generation (7 + 8) .....	11,365,398 <sup>r</sup>	12,817,093 <sup>r</sup>	250,123	11,638
10	Energy received from other provinces and imported:				
11	Received from other provinces .....	...	...	-	-
12	Imported from United States .....	327,919	191,092	-	-
13	Total received from other provinces and imported (10 + 11) .....	327,919	191,092	-	-
14	Total supply of energy (9 + 12) .....	11,693,317 <sup>r</sup>	13,008,185	250,123	11,638
	<u>Disposal of electric energy</u>				
	Energy delivered to other provinces and exported:				
15	Delivered to other provinces - Firm .....	...	...	3,637	-
16	Secondary .....	...	...	2,684	-
17	Exported to United States - Firm .....	58,717	63,140	-	-
18	Secondary .....	258,805	264,640	-	-
19	Total delivered to other provinces and exported (14 + 15 + 16 + 17) .....	317,533	327,780	6,321	-
20	Total made available for use in Canada (13 - 18) ....	11,375,795	12,680,405	243,802	11,638
21	Energy used in own plant - Firm .....	...(3)	3,176,149	94,848	-
22	Secondary .....	...(3)	93,221	-	-
23	Total used in own plant (20 + 21) .....	...(3)	3,269,370	94,848	-
24	Sales to ultimate customers:				
25	Power - Firm .....	6,965,439 <sup>r</sup>	4,446,985	104,253	198
26	Secondary .....	242,963 <sup>r</sup>	170,898 <sup>r</sup>	-	919 <sup>r</sup>
27	General service (commercial) .....	970,003 <sup>r</sup>	1,071,759	7,793	4,343
28	Domestic .....	2,047,431 <sup>r</sup>	2,300,705	21,531	4,569
29	Farm(1) .....	95,288	105,414	-	-
30	Street lighting .....	68,962 <sup>r</sup>	74,375	707	136
31	Total sales to ultimate customers (23 + 24 + 25 + 26 + 27 + 28) .....	10,390,086 <sup>r</sup>	8,170,136	134,284	10,165
32	Unallocated energy(2) .....	559,500 <sup>r</sup>	760,954	13,586	1,256
33	Distribution by non-respondents .....	426,209 <sup>r</sup>	479,945	1,084	217
34	Total disposal of energy (18 + 22 + 29 + 30 + 31) .....	11,693,317 <sup>r</sup>	13,008,185	250,123	11,638

(1) Many utilities cannot distinguish between domestic and farm, as they do not keep separate records

(2) Includes losses, unaccounted for, and cyclical billing adjustment.

(3) Amount used in own plant is included in firm and secondary power sales in 1965.

TABLE 1. Preliminary Electric Energy Statistics

July 1966

Nova Scotia	New- Brunswick	Quebec	Ontario	Manitoba	Saskat- chewan	Alberta	British Columbia	Yukon and N.W.T.	No.
thousand kwh.									
37,629	56,376	4,807,514	2,781,287	401,568	190,563	171,141	1,417,919	17,024	1
176,254	202,143	32,805	730,868	2,319	114,618	268,083	189,071	1,860	2
213,883	258,519	4,840,319	3,512,155	403,887	305,181	439,224	1,606,990	18,884	3
4,861	16,820	9,619	540,047	50,377	4,017	4,929	-	-	4
-	228	60	236,246	-	-	-	75,588	-	5
4,861	17,048	9,679	776,293	50,377	4,017	4,929	75,588	-	6
9,235	-	370,636	-	742	49,540	-	4,929	-	7
4,940	4,861	171,406	4,156	3,925	169	-	-	-	8
-	9,725	898	33,490	-	-	-	285	-	9
-	13,708	1,320	242,964	-	-	-	27,443	-	10
14,175	28,294	544,260	280,610	4,667	49,709	-	32,657	-	11
204,569	247,273	4,305,738	4,007,838	449,597	259,489	444,153	1,649,921	18,884	12
-	616	130,177	39,058	4,128	1,403	-	21,680	2,813	13
204,569	246,657	4,175,561	3,968,780	445,469	258,086	444,153	1,628,241	16,071	14

TABLE 2. Supply and Disposal of Electric Energy

May 1966

Nova Scotia	New- Brunswick	Quebec	Ontario	Manitoba	Saskat- chewan	Alberta	British Columbia	Yukon and N.W.T.	No.
thousand kwh.									
32,970	160,242	3,534,559	3,197,858	455,453	192,506	100,256	708,374	17,922	1
165,615	74,591	1,792	603,644	8,067 <sup>†</sup>	106,714	329,838	173,135	2,195	2
198,585	234,833	3,536,351	3,801,502	463,520 <sup>†</sup>	299,220	430,094	881,509	20,117	3
2,409	9,281	1,495,193	134,044	4,943	6,578	-	734,732	3,344	4
15,211	43,515	28,767	80,128	7	9,528	30,655	91,266	-	5
17,620	52,796	1,523,960	214,172	4,950	16,106	30,655	825,998	3,344	6
35,379	169,523	5,029,752	3,331,902	460,396	199,084	100,256	1,443,106	21,266	7
180,826	118,106	30,559	683,772	8,074 <sup>†</sup>	116,242	360,493	264,401	2,195	8
216,205	287,629	5,060,311	4,015,674	468,470 <sup>†</sup>	315,326	460,749	1,707,507	23,461	9
15,164	16,926	12,829	496,137	52,340	16,253	2,073	-	-	10
-	3,656	69	155,408	-	-	-	31,959	-	11
15,164	20,582	12,898	651,545	52,340	16,253	2,073	31,959	-	12
231,369	308,211	5,073,209	4,667,219	520,810	331,579	462,822	1,739,466	23,461	13
12,405	-	377,154	-	881	50,660	-	2,073	-	14
816	15,164	121,992	7,868	16,068	320	-	-	-	15
-	27,695	1,210	34,024	-	-	-	211	-	16
-	10,450	3	221,339	-	-	-	32,848	-	17
13,221	53,309	500,359	263,231	16,949	50,980	-	35,132	-	18
218,148	254,902	4,572,850	4,403,988	503,861	280,599	462,822	1,704,334	23,461	19
23,794	94,466	1,448,123	490,090	51,316	13,980	41,234	915,418	2,880	20
-	1,276	41,226	16,400	5,876	1,252	-	26,734	457	21
23,794	95,742	1,489,349	506,490	57,192	15,232	41,234	942,152	3,337	22
64,740	78,547	1,714,171	1,744,736	186,622	89,264	184,014	271,389	9,051	23
2,345 <sup>†</sup>	6,175 <sup>†</sup>	98,981 <sup>†</sup>	42,978 <sup>†</sup>	14,348 <sup>†</sup>	-	475 <sup>†</sup>	-	4,677 <sup>†</sup>	24
39,280	24,269	210,347	441,612	61,237	42,482	69,035	168,947	2,414	25
55,653	39,930	706,535	980,377	119,140	55,875	79,954	235,641	1,500	26
-	-	-	-	32,096	38,920	34,398	-	-	27
1,723	1,610	23,083	27,526	4,213	1,931	6,614	6,806	26	28
163,741	150,531	2,753,117	3,237,229	417,656	228,472	374,490	682,783	17,668	29
16,527	6,351	283,751	273,552	29,013	33,836	39,001	62,565	1,516	30
14,086	2,278	46,633	386,717	-	3,059	8,097	16,834	940	31
231,369	308,211	5,073,209	4,667,219	520,810	331,579	462,822	1,739,466	23,461	32

<sup>†</sup> Revised figures.

.. Figures not appropriate or not applicable.

TABLE 3. Cumulative Preliminary Electric Energy Statistics

January - July 1965

No.		Canada 1965	Canada	Newfound- land	Prince Edward Island
			thousand kwh.		
1	Net generation - Hydro .....	65,788,399	74,772,359	1,519,017	-
2	Thermal .....	15,111,968	14,872,798	127,785	85,332
3	Total net generation (1 + 2) .....	80,900,367	89,645,157	1,646,802	85,332
	Energy received from other provinces and imported:				
4	Received from other provinces .....	...	...	-	-
5	Imported from United States .....	2,249,206	1,577,373	-	-
6	Total received from other provinces and imported (4 + 5) .....	2,249,206	1,577,373	-	-
	Energy delivered to other provinces and exported:				
7	Delivered to other provinces - Firm .....	...	...	28,827	-
8	Secondary .....	...	...	15,280	-
9	Exported to United States - Firm .....	395,666	369,768	-	-
10	Secondary .....	1,633,447	1,841,587	-	-
11	Total delivered to other provinces and exported (7 + 8 + 9 + 10) .....	2,029,113	2,211,355	44,107	-
12	Total made available for use in Canada (3 + 6 - 11) ....	81,120,460	89,011,175	1,602,695	85,332
13	Secondary energy used in Canada(1) .....	1,692,800	1,941,452	493	3,953
14	Firm energy made available for use in Canada (12 - 13) .....	79,427,660	87,069,723	1,602,202	81,379

(1) Includes secondary energy used in own plant and sold to ultimate customers.

TABLE 4. Cumulative Supply and Disposal of Electric Energy

January - May 1966

No.		Canada 1965	Canada	Newfound- land	Prince Edward Island
			thousand kwh.		
	<u>Supply of electric energy</u>				
	Net generation:				
1	Utilities - Hydro .....	36,209,191	41,825,174	920,419	-
2	Thermal .....	9,726,937	9,821,732	66,650	62,008
3	Totals (1 + 2) .....	45,936,128	51,646,906	987,069	62,008
4	Industry - Hydro .....	11,762,580	12,315,567	193,934	-
5	Thermal .....	1,601,069	1,603,597	26,083	-
6	Totals (4 + 5) .....	13,363,649	13,919,164	220,017	-
7	Grand total - Hydro (1 + 4) .....	47,971,771	54,140,741	1,114,353	-
8	Thermal (2 + 5) .....	11,328,006	11,425,329	92,733	62,008
9	Total net generation (7 + 8) .....	59,299,777	65,566,070	1,207,086	62,008
	Energy received from other provinces and imported:				
10	Received from other provinces .....	...	...	-	-
11	Imported from United States .....	1,469,367	1,041,816	-	-
12	Total received from other provinces and imported (10 + 11) .....	1,469,367	1,041,816	-	-
13	Total supply of energy (9 + 12) .....	60,769,144	66,607,886	1,207,086	62,008
	<u>Disposal of electric energy</u>				
	Energy delivered to other provinces and exported:				
14	Delivered to other provinces - Firm .....	...	...	21,905	-
15	Secondary .....	...	...	10,641	-
16	Exported to United States - Firm .....	306,949	276,426	-	-
17	Secondary .....	1,163,467	1,255,456	-	-
18	Total delivered to other provinces and exported (14 + 15 + 16 + 17) .....	1,470,416	1,531,882	32,546	-
19	Total made available for use in Canada (13 - 18) ....	59,298,728	65,076,004	1,174,540	62,008
20	Energy used in own plant - Firm .....	...	15,123,965	440,419	-
21	Secondary .....	...	875,178	-	-
22	Total used in own plant (20 + 21) .....	...	15,999,143	440,419	-
	Sales to ultimate customers:				
23	Power - Firm .....	33,921,502	21,849,241	506,763	1,285
24	Secondary .....	1,367,972	690,061	493	4,872
25	General service (commercial) .....	5,301,751	5,817,507	41,630	22,940
26	Domestic .....	11,920,547	12,944,689	119,891	26,067
27	Farm(1) .....	534,772	573,808	-	-
28	Street lighting .....	382,206	411,435	4,129	794
29	Total sales to ultimate customers (23 + 24 + 25 + 26 + 27 + 28) .....	53,428,750	42,286,741	672,906	55,958
30	Unallocated energy(2) .....	3,522,413	4,124,103	56,826	4,872
31	Distribution by non-respondents .....	2,347,565	2,666,017	4,389	1,178
32	Total disposal of energy (18 + 22 + 29 + 30 + 31) .....	60,769,144	66,607,886	1,207,086	62,008

(1) Many utilities cannot distinguish between domestic and farm, as they do not keep separate records

(2) Includes losses, unaccounted for, and cyclical billing adjustment.



TABLE 3. Cumulative Preliminary Electric Energy Statistics

January - July 1966

Nova Scotia	New-Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Yukon and N.W.T.	No.
thousand kwh.									
248,692	751,147	34,925,476	21,825,156	3,465,861	1,119,350	886,812	9,873,417	157,431	1
1,382,250	1,066,519	248,629	6,223,078	57,864	1,173,788	2,573,264	1,917,698	16,591	2
1,630,942	1,817,666	35,174,105	28,048,234	3,523,725	2,293,138	3,460,076	11,791,115	174,022	3
35,014	154,462	87,965	3,380,283	377,556	146,345	17,872	15,091	-	4
-	8,531	540	1,239,777	-	-	-	328,525	-	5
35,014	162,993	88,505	4,620,060	377,556	146,345	17,872	343,616	-	6
80,634	-	2,642,552	-	5,138	368,334	15,091	17,872	-	7
46,435	35,014	760,787	51,548	145,544	1,532	-	-	-	8
-	128,188	8,020	232,018	-	-	-	1,542	-	9
-	64,875	2,403	1,505,951	-	-	-	268,358	-	10
127,069	228,077	3,413,762	1,789,517	150,682	369,866	15,091	287,772	-	11
1,538,887	1,752,582	31,848,848	30,878,777	3,750,599	2,069,617	3,462,857	11,846,959	174,022	12
3,093	46,153	1,119,509	390,964	139,990	8,167	1,305	192,110	35,715	13
1,535,794	1,706,429	30,729,339	30,487,813	3,610,609	2,061,450	3,461,552	11,654,849	138,307	14

TABLE 4. Cumulative Supply and Disposal of Electric Energy

January - May 1966

Nova Scotia	New-Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Yukon and N.W.T.	No.
thousand kwh.									
166,226	558,016	17,569,974	15,144,214	2,622,992	704,910	574,567	3,462,932	100,924	1
911,797	485,460	31,827	4,454,083	43,261	893,881	1,842,656	1,017,352	12,757	2
1,078,023	1,043,476	17,601,801	19,598,297	2,666,253	1,598,791	2,417,223	4,480,284	113,681	3
10,787	26,754	7,719,683	693,712	25,569	32,082	-	3,595,971	17,075	4
95,936	241,786	151,817	416,179	38	45,944	154,700	471,114	-	5
106,723	268,540	7,871,500	1,109,891	25,607	78,026	154,700	4,067,085	17,075	6
177,013	584,770	25,289,657	15,837,926	2,648,561	736,992	574,567	7,058,903	117,999	7
1,007,733	727,246	183,644	4,870,262	43,299	939,825	1,997,356	1,488,466	12,757	8
1,184,746	1,312,016	25,473,301	20,708,188	2,691,860	1,676,817	2,571,923	8,547,369	130,756	9
29,281	108,525	65,000	2,296,229	273,485	134,325	9,731	15,091	-	10
-	8,042	408	829,557	-	-	-	203,809	-	11
29,281	116,567	65,408	3,125,786	273,485	134,325	9,731	218,900	-	12
1,214,027	1,428,583	25,538,709	23,833,974	2,965,345	1,811,142	2,581,654	8,766,269	130,756	13
54,534	-	1,891,207	-	3,666	267,153	15,091	9,731	-	14
31,189	29,281	424,862	38,057	133,621	729	-	-	-	15
-	103,738	6,034	165,582	-	-	-	1,072	-	16
-	40,039	543	1,002,949	-	-	-	211,925	-	17
85,723	173,058	2,322,646	1,206,588	137,287	267,882	15,091	222,728	-	18
1,128,304	1,355,525	23,216,063	22,627,386	2,828,058	1,543,260	2,566,563	8,543,541	130,756	19
130,838	429,659	6,924,441	2,360,243	266,655	66,403	203,648	4,286,799	14,860	20
-	22,474	535,283	115,145	47,074	5,794	-	146,772	2,636	21
130,838	452,133	7,459,724	2,475,388	313,729	72,197	203,648	4,433,571	17,496	22
300,700	339,217	8,527,159	8,508,881	947,531	425,567	917,245	1,322,483	52,410	23
5,438	28,557	333,821	212,959	75,302	-	1,780	-	26,839	24
223,664	132,832	1,164,690	2,316,289	352,325	266,455	388,402	896,448	11,832	25
308,570	229,643	3,952,525	5,258,725	748,438	362,089	541,478	1,387,558	9,705	26
-	-	-	-	187,373	196,578	189,857	-	-	27
9,404	8,487	117,698	141,173	28,970	13,634	43,427	43,475	244	28
847,776	738,736	14,095,893	16,438,027	2,339,939	1,264,323	2,082,189	3,649,964	101,030	29
73,077	52,646	1,399,152	1,570,519	174,390	189,377	234,395	362,391	6,458	30
76,613	12,010	261,294	2,143,452	-	17,363	46,331	97,615	5,772	31
1,214,027	1,428,583	25,538,709	23,833,974	2,965,345	1,811,142	2,581,654	8,766,269	130,756	32

(3) Amount used in own plant is included in firm and secondary power sales in 1965.

... Figures not appropriate or not applicable.

TABLE 5. Supply of Electric Energy

January - July 1966

Month	Total net generation	Imports from United States	Exports to United States	Net energy made available in Canada	Secondary energy used in Canada	Firm energy made available in Canada	Daily average, total net generation
thousand kwh.							
January .....	13,966,466	245,055	311,392	13,900,129	330,765	13,569,360	450,531
February .....	12,612,938	213,019	278,318	12,547,639	325,415	12,222,224	450,462
March .....	13,596,765	215,900	304,959	13,507,706	362,178	13,145,528	438,605
April .....	12,572,808	176,750	309,433	12,440,125	283,278	12,156,847	419,094
May .....	12,817,093 <sup>F</sup>	191,092	327,780	12,680,405 <sup>F</sup>	264,119 <sup>F</sup>	12,416,286 <sup>F</sup>	413,455 <sup>F</sup>
June .....	12,254,416	223,435	349,640	12,128,211	194,522	11,933,689	408,481
July .....	11,824,226	312,122	329,833	11,806,515	199,875	11,606,640	381,427
August .....							
September .....							
October .....							
November .....							
December .....							
Year .....							

<sup>F</sup> Revised figures.

TABLE 6. Sales of Electric Energy to Ultimate Customers

January - May 1966

Year and month	Domestic	Farm(1)	General service (commercial)	Firm power(2)	Secondary power(2)	Total power(2)	Street lighting	Total sales to ultimate customers
thousand kwh.								
1964 .....	23,934,160	945,237	11,082,698	76,994,091	3,415,366	80,409,457	835,158	117,206,710
1965 .....	25,795,091	1,092,482	12,398,338	82,854,369	3,809,402	86,663,771	917,637	126,867,319
1966 - January .....	2,734,290	98,297	1,223,072	7,430,921	330,769	7,761,690	91,436	11,908,785
February .....	2,752,889	130,008	1,204,162	6,995,997	325,415	7,321,412	85,192	11,493,663
March .....	2,661,065	125,056	1,166,203	7,493,123	362,178	7,855,301	82,066	11,889,691
April .....	2,495,740	115,033	1,152,311	7,429,511	283,278	7,712,789	78,366	11,554,239
May .....	2,300,705	105,414	1,071,759	7,623,134	264,119	7,887,253	74,375	11,439,506
June .....								
July .....								
August .....								
September .....								
October .....								
November .....								
December .....								
Year .....								

(1) Many utilities cannot distinguish between domestic and farm, as they do not keep separate records.

(2) Includes sales to industrial establishments with generating facilities.

TABLE 7. Net Generation, 1961-66

CANADA

Year and month	Utilities			Industry			Grand total
	Hydro	Thermal	Total	Hydro	Thermal	Total	
	thousand kwh.						
1961 .....	82,014,614	7,049,079	89,063,693	21,660,132	2,497,588	24,157,720	113,221,413
1962 .....	80,861,406	10,781,660	91,643,066	22,789,817	2,570,288	25,360,105	117,003,171
1963 .....	80,214,421	15,428,726	95,643,147	23,102,958	2,811,630	25,914,588	121,557,735
1964 .....	84,888,835	17,588,035	102,476,870	28,336,790	3,478,537	31,815,327	134,292,197
1965 .....	87,490,735	22,572,614	110,063,349	29,219,645	3,877,684	33,097,329	143,160,678
1966 - January .....	8,617,208	2,413,701	11,030,909	2,603,539	332,018	2,935,557	13,966,466
February .....	7,774,154	2,139,397	9,913,551	2,385,020	314,367	2,699,387	12,612,938
March .....	8,657,761	2,073,002	10,730,763	2,519,641	346,361	2,866,002	13,596,765
April .....	8,179,134	1,710,804	9,889,938	2,376,509	306,361	2,682,870	12,572,808
May .....	8,596,917	1,484,828 <sup>F</sup>	10,081,745 <sup>F</sup>	2,430,858	304,490	2,735,348	12,817,093 <sup>F</sup>
June .....	8,224,335	1,387,164	9,611,499	2,335,656	307,261	2,642,917	12,254,416
July .....	7,710,106	1,461,117	9,171,223	2,361,521	291,482	2,653,003	11,824,226
August .....							
September .....							
October .....							
November .....							
December .....							

<sup>F</sup> Revised figures.







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UNIVERSITY OF TORONTO

## ELECTRIC POWER STATISTICS

AUGUST 1966

Table 1 of this report contains preliminary statistics on energy generation, imports, exports and secondary for the month of August 1966. These preliminary statistics indicate that net generation increased 10.7 per cent to 12,684,509 thousand kwh. in August 1966 from 11,453,728<sup>r</sup> thousand kwh. generated one year ago.

Imports increased to 315,681 thousand kwh. from 277,208 thousand kwh. and exports increased to 388,610 thousand kwh. from 319,311 thousand kwh. in August 1965.

Table 2 shows detailed data concerning the amount of energy made available and the disposition of this energy for the month of June 1966. These figures include a breakdown of sales by rate categories for large utilities and industries while distribution by smaller utilities and industries is included in "distribution by non-respondents" (item 31). Distribution by non-respondents is the energy which is delivered by companies which report in this survey to companies which do not report. Consumption of own generation by industrial establishments is included in "used in own plant" (items 20 and 21). Comparable June 1965 data is shown for all categories where available.

Table 5, 6 and 7 give final data for the months January to June 1966 and preliminary data for other months. In Table 5 secondary energy includes both that used in own plant and that sold to ultimate customers. In June, of the 247,069 thousand kwh. of secondary energy 89,804 thousand kwh. was used in own plant, while 157,265 thousand kwh. was sold to ultimate customers.

Total generation for the twelve-month period ending August 31, 1966 amounted to 152,871,082 thousand kwh. compared to 151,640,301<sup>r</sup> thousand kwh. for the period ending in July.

Monthly electric power statistics are designed to provide current information on the production and consumption of electric energy in Canada. In order to expedite the collection and compilation of returns, the series is confined to firms which generate a minimum of 10 million kwh. per annum and to large distributors of electric energy. These firms accounted for 99.5 per cent of total production in 1964.

In the electric power series, net generation is defined as total generation less the amount used in station service.

October 1966  
6503-513

Industry Division

TABLE 1. Preliminary Electric Energy Statistics

August 1966

No.		Canada 1965	Canada	Newfound- land	Prince Edward Island
			thousand kwh.		
1	Net generation - Hydro .....	9,252,399	10,629,255	213,912	-
2	Thermal .....	2,201,329 <sup>r</sup>	2,055,254	25,910	13,066
3	Total net generation (1 + 2) .....	11,453,728 <sup>r</sup>	12,684,509	239,822	13,066
	Energy received from other provinces and imported:				
4	Received from other provinces .....	...	...	-	-
5	Imported from United States .....	277,208	315,681	-	-
6	Total received from other provinces and imported (4 + 5) .....	277,208	315,681	-	-
	Energy delivered to other provinces and exported:				
7	Delivered to other provinces - Firm .....	...	...	4,745	-
8	Secondary .....	...	...	1,987	-
9	Exported to United States - Firm .....	41,823	44,326	-	-
10	Secondary .....	277,488	344,284	-	-
11	Total delivered to other provinces and exported (7 + 8 + 9 + 10) .....	319,311	388,610	6,732	-
12	Total made available for use in Canada (3 + 6 - 11) ....	11,411,625 <sup>r</sup>	12,611,580	233,090	13,066
13	Secondary energy used in Canada(1) .....	355,551 <sup>r</sup>	398,055	-	-
14	Firm energy made available for use in Canada (12 - 13) .....	11,056,074 <sup>r</sup>	12,213,525	233,090	13,066

(1) Includes secondary energy used in own plant and sold to ultimate customers.

TABLE 2. Supply and Disposal of Electric Energy

June 1966

No.		Canada 1965	Canada	Newfound- land	Prince Edward Island
			thousand kwh.		
	<u>Supply of electric energy</u>				
	Net generation:				
1	Utilities - Hydro .....	6,780,132	8,223,073 <sup>r</sup>	178,813	-
2	Thermal .....	1,523,301	1,387,164	8,437	11,057
3	Totals (1 + 2) .....	8,303,433	9,610,237 <sup>r</sup>	187,250	11,057
4	Industry - Hydro .....	2,144,014 <sup>r</sup>	2,343,914 <sup>r</sup>	35,245	-
5	Thermal .....	323,361 <sup>r</sup>	307,261	4,304	-
6	Totals (4 + 5) .....	2,467,375 <sup>r</sup>	2,651,175 <sup>r</sup>	39,549	-
7	Grand total - Hydro (1 + 4) .....	8,924,146 <sup>r</sup>	10,566,987 <sup>r</sup>	214,058	-
8	Thermal (2 + 5) .....	1,846,662 <sup>r</sup>	1,694,425	12,741	11,057
9	Total net generation (7 + 8) .....	10,770,808 <sup>r</sup>	12,261,412 <sup>r</sup>	226,799	11,057
	Energy received from other provinces and imported:				
10	Received from other provinces .....	...	...	-	-
11	Imported from United States .....	405,609	223,435	-	-
12	Total received from other provinces and imported (10 + 11) .....	405,609	223,435	-	-
13	Total supply of energy (9 + 12) .....	11,176,417	12,484,847	226,799	11,057
	<u>Disposal of electric energy</u>				
	Energy delivered to other provinces and exported:				
14	Delivered to other provinces - Firm .....	...	...	3,022	-
15	Secondary .....	...	...	2,408	-
16	Exported to United States - Firm .....	48,304	48,944	-	-
17	Secondary .....	230,614	300,696	-	-
18	Total delivered to other provinces and exported (14 + 15 + 16 + 17) .....	278,918	349,640	5,430	-
19	Total made available for use in Canada (13 - 18) ...	10,897,499	12,135,207	211,369	11,057
20	Energy used in own plant - Firm .....	... (3)	3,086,194	86,382	-
21	Secondary .....	... (3)	89,804	-	-
22	Total used in own plant (20 + 21) .....	... (3)	3,175,998	86,382	-
	Sales to ultimate customers:				
23	Power - Firm .....	6,667,108 <sup>r</sup>	4,393,517	94,286	185
24	Secondary .....	154,858 <sup>r</sup>	157,265 <sup>r</sup>	-	944 <sup>r</sup>
25	General service (commercial) .....	974,616 <sup>r</sup>	1,085,142	7,781	4,270
26	Domestic .....	1,931,629 <sup>r</sup>	2,152,058	20,083	4,412
27	Farm(1) .....	87,623	91,373	-	-
28	Street lighting .....	65,870	69,662	680	135
29	Total sales to ultimate customers (23 + 24 + 25 + 26 + 27 + 28) .....	9,881,704 <sup>r</sup>	7,949,017	122,830	9,946
30	Unallocated energy(2) .....	595,443 <sup>r</sup>	554,553	10,597	934
31	Distribution by non-respondents .....	420,352 <sup>r</sup>	455,639	1,560	177
32	Total disposal of energy (18 + 22 + 29 + 30 + 31) .....	11,176,417	12,484,847	226,799	11,057

(1) Many utilities cannot distinguish between domestic and farm, as they do not keep separate records

(2) Includes losses, unaccounted for, and cyclical billing adjustment.

(3) Amount used in own plant is included in firm and secondary power sales in 1965.



TABLE 1. Preliminary Electric Energy Statistics

August 1966

Nova Scotia	New-Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Yukon and N.W.T.	No.
thousand kwh.									
33,433	38,282	5,374,488	2,900,698	438,189	187,334	131,187	1,292,985	18,747	1
202,055	211,717	33,718	763,384	2,271	118,811	334,502	347,871	1,949	2
235,488	249,999	5,408,206	3,664,082	440,460	306,145	465,689	1,640,856	20,696	3
78	32,085	11,660	642,735	51,057	17,322	4,475	-	-	4
-	633	60	196,523	-	-	-	118,465	-	5
78	32,718	11,720	839,258	51,057	17,322	4,475	118,465	-	6
10,695	-	339,567	-	651	50,011	-	4,475	-	7
16,113	78	307,740	5,653	17,376	321	-	-	-	8
-	9,346	1,077	33,566	-	-	-	337	-	9
-	7,970	1,928	292,817	-	-	-	41,569	-	10
26,808	17,394	650,312	332,036	18,027	50,332	-	46,381	-	11
208,758	265,323	4,769,614	4,171,304	473,490	273,135	470,164	1,712,940	20,696	12
-	4,222	321,563	40,179	5,734	1,825	-	21,181	3,351	13
208,758	261,101	4,448,051	4,131,125	467,756	271,310	470,164	1,691,759	17,345	14

† Revised figures.

TABLE 2. Supply and Disposal of Electric Energy

June 1966

Nova Scotia	New-Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Yukon and N.W.T.	No.
thousand kwh.									
31,687	101,666	3,392,929†	3,076,680†	410,851	186,246	141,104	687,636	15,461	1
184,277	91,765	1,328	541,265	11,793	109,714	273,208	152,346	1,974	2
215,964	193,431	3,394,257†	3,617,945†	422,644	295,960	414,312	839,982	17,435	3
2,363	8,335	1,443,560†	128,075	4,881	5,549	-	708,959	6,947	4
13,986	45,365	30,852	80,683	8	9,631	34,617	87,815	-	5
16,349	53,700	1,474,412†	208,758	4,889	15,180	34,617	796,774	6,947	6
34,050	110,001	4,836,489†	3,204,755†	415,732	191,795	141,104	1,396,595	22,408	7
198,263	137,130	32,180	621,948	11,801	119,345	307,825	240,161	1,974	8
232,313	247,131	4,868,669†	3,826,703†	427,533	311,140	448,929	1,636,756	24,382	9
872	29,117	13,346	544,007	53,694	8,003	3,212	-	-	10
-	261	72	173,974	-	-	-	49,128	-	11
872	29,378	13,418	717,981	53,694	8,003	3,212	49,128	-	12
233,185	276,509	4,882,087	4,544,684	481,227	319,143	452,141	1,685,884	24,382	13
16,865	-	314,232†	-	730	51,641	-	3,212	-	14
10,306	872	230,996†	9,335	7,998	634	-	-	-	15
-	14,725	1,088	32,946	-	-	-	185	-	16
-	11,128	540	260,038	-	-	-	28,990	-	17
27,171	26,725	546,856	302,319	8,728	52,275	-	32,387	-	18
206,014	249,784	4,335,231	4,242,365	472,499	266,868	452,141	1,653,497	24,382	19
19,135	95,795	1,395,132	479,239	52,276	11,736	44,771	895,210	6,518	20
-	1,957	42,244	11,650	8,838	970	-	23,658	487	21
19,135	97,752	1,437,376	490,889	61,114	12,706	44,771	918,868	7,005	22
61,445	76,566	1,726,363	1,725,722	186,008	75,324	165,441	273,006	9,171	23
7,210†	6,176†	96,344†	35,552†	7,899†	-	505†	-	2,635†	24
40,210	22,551	221,545	449,988	59,198	49,204	63,650	163,365	3,380	25
54,152	36,435	714,053	846,677	110,823	49,998	93,746	219,608	2,071	26
-	-	-	-	27,071	32,756	31,546	-	-	27
1,754	1,332	21,801	27,176	3,592	1,342	5,859	5,975	16	28
164,771	143,060	2,780,106	3,085,115	394,591	208,624	360,747	661,954	17,273	29
8,995	6,731	74,315	297,455	16,794	42,711	38,738	57,673	-	30
13,113	2,241	43,434	368,906	-	2,827	7,885	15,002	494	31
233,185	276,509	4,882,087	4,544,684	481,227	319,143	452,141	1,685,884	24,382	32

†. Figures not appropriate or not applicable.

† Revised figures.

TABLE 3. Cumulative Preliminary Electric Energy Statistics  
January - August 1966

No.		Canada 1965	Canada	Newfound- land	Prince Edward Island
			thousand kwh.		
1	Net generation - Hydro .....	75,040,798	85,409,213 <sup>F</sup>	1,732,929	-
2	Thermal .....	17,312,939	16,927,118 <sup>F</sup>	153,695	98,398
3	Total net generation (1 + 2) .....	92,353,737	102,336,331 <sup>F</sup>	1,886,624	98,398
4	Energy received from other provinces and imported:				
5	Received from other provinces .....	...	...	-	-
6	Imported from United States .....	2,526,414	1,893,054	-	-
	Total received from other provinces and imported (4 + 5) .....	2,526,414	1,893,054	-	-
7	Energy delivered to other provinces and exported:				
8	Delivered to other provinces - Firm .....	...	...	37,100 <sup>F</sup>	-
9	Secondary .....	...	...	13,739 <sup>F</sup>	-
10	Exported to United States - Firm .....	437,489 <sup>F</sup>	414,094	-	-
11	Secondary .....	1,910,935 <sup>F</sup>	2,185,871	-	-
	Total delivered to other provinces and exported (7 + 8 + 9 + 10) .....	2,348,424	2,599,965	50,839	-
12	Total made available for use in Canada (3 + 6 - 11) ...	92,531,727	101,629,420	1,835,785	98,398
13	Secondary energy used in Canada(1) .....	2,037,972	2,339,507	493	3,953
14	Firm energy made available for use in Canada (12 - 13) .....	90,493,755	99,289,913	1,835,292	94,445

(1) Includes secondary energy used in own plant and sold to ultimate customers.

TABLE 4. Cumulative Supply and Disposal of Electric Energy  
January - June 1966

No.		Canada 1965	Canada	Newfound- land	Prince Edward Island
			thousand kwh.		
	<u>Supply of electric energy</u>				
	Net generation:				
1	Utilities - Hydro .....	42,989,323	50,048,247	1,099,232	-
2	Thermal .....	11,250,238	11,208,896	75,087	73,065
3	Totals (1 + 2) .....	54,239,561	61,257,143	1,174,319	73,065
4	Industry - Hydro .....	13,907,612	14,659,855 <sup>F</sup>	229,179	-
5	Thermal .....	1,923,021	1,910,369 <sup>F</sup>	30,387	-
6	Totals (4 + 5) .....	15,830,633	16,570,224 <sup>F</sup>	259,566	-
7	Grand total - Hydro (1 + 4) .....	56,896,935	64,708,102 <sup>F</sup>	1,328,411	-
8	Thermal (2 + 5) .....	13,173,259	13,119,265 <sup>F</sup>	105,474	73,065
9	Total net generation (7 + 8) .....	70,070,194	77,827,367 <sup>F</sup>	1,433,885	73,065
	Energy received from other provinces and imported:				
10	Received from other provinces .....	...	...	-	-
11	Imported from United States .....	1,874,976	1,265,251	-	-
12	Total received from other provinces and imported (10 + 11) .....	1,874,976	1,265,251	-	-
13	Total supply of energy (9 + 12) .....	71,945,170	79,092,618	1,433,885	73,065
	<u>Disposal of electric energy</u>				
	Energy delivered to other provinces and exported:				
14	Delivered to other provinces - Firm .....	...	...	24,927	-
15	Secondary .....	...	...	13,049	-
16	Exported to United States - Firm .....	355,253	325,370	-	-
17	Secondary .....	1,394,081	1,556,152	-	-
18	Total delivered to other provinces and exported (14 + 15 + 16 + 17) .....	1,749,334	1,881,522	37,976	-
19	Total made available for use in Canada (13 - 18) ...	70,195,836	77,211,096	1,395,909	73,065
20	Energy used in own plant - Firm .....	...(3)	18,210,044 <sup>F</sup>	526,801	-
21	Secondary .....	...	964,982 <sup>F</sup>	-	-
22	Total used in own plant (20 + 21) .....	...(3)	19,175,026 <sup>F</sup>	526,801	-
	Sales to ultimate customers:				
23	Power - Firm .....	40,605,611 <sup>F</sup>	26,242,758	601,049	1,470
24	Secondary .....	1,505,438	847,326	493	5,816
25	General service (commercial) .....	6,276,367	6,902,649	49,411	27,210
26	Domestic .....	13,854,176	15,096,747	139,974	30,479
27	Farm(1) .....	620,395	665,181	-	-
28	Street lighting .....	448,076 <sup>F</sup>	481,097	4,809	929
29	Total sales to ultimate customers (23 + 24 + 25 + 26 + 27 + 28) .....	63,310,063 <sup>F</sup>	50,235,758	795,736	65,904
30	Unallocated energy(2) .....	4,117,856	4,678,656	67,423	5,806
31	Distribution by non-respondents .....	2,767,917 <sup>F</sup>	3,121,656	5,949	1,355
32	Total disposal of energy (18 + 22 + 29 + 30 + 31) .....	71,945,170	79,092,618	1,433,885	73,065

(1) Many utilities cannot distinguish between domestic and farm, as they do not keep separate records

(2) Includes losses, unaccounted for, and cyclical billing adjustment.

(3) Amount used in own plant is included in firm and secondary power sales in 1965.

TABLE 3. Cumulative Preliminary Electric Energy Statistics  
January - August 1966

Nova Scotia	New- Brunswick	Quebec	Ontario	Manitoba	Saskat- chewan	Alberta	British Columbia	Yukon and N.W.T.	No.
thousand kwh.									
282,125	789,429	40,308,751 <sup>r</sup>	24,724,666 <sup>r</sup>	3,904,050	1,306,684	1,017,999	11,166,402	176,178	1
1,584,305	1,278,236	281,858 <sup>r</sup>	6,986,462	59,690 <sup>r</sup>	1,292,599	2,907,766	2,265,569	18,540	2
1,866,430	2,067,665	40,590,609 <sup>r</sup>	31,711,128 <sup>r</sup>	3,963,740	2,599,283	3,925,765	13,431,971	194,718	3
35,092	186,547	99,625	4,035,122	428,613 <sup>r</sup>	163,667	22,347	15,091	-	4
-	9,164	600	1,436,300	-	-	-	446,990	-	5
35,092	195,711	100,225	5,471,422	428,613	163,667	22,347	462,081	-	6
91,329	-	2,589,409 <sup>r</sup>	-	5,789	418,345	15,091	22,347	-	7
62,548	35,092	1,473,341 <sup>r</sup>	57,201	162,920	1,853	-	-	-	8
-	137,534	9,097	265,584	-	-	-	1,879	-	9
-	72,845	4,331	1,798,768	-	-	-	309,927	-	10
153,877	245,471	4,076,178 <sup>r</sup>	2,121,553	168,709	420,198	15,091	334,153	-	11
1,747,645	2,017,905	36,614,656	35,060,997	4,223,644	2,342,752	3,933,021	13,559,899	194,718	12
3,093	50,375	1,441,072	431,143	145,724	9,992	1,305	213,291	39,066	13
1,744,552	1,967,530	35,173,584	34,629,854	4,077,920	2,332,760	3,931,716	13,346,608	155,652	14

<sup>r</sup> Revised figures.

TABLE 4. Cumulative Supply and Disposal of Electric Energy  
January - June 1966

Nova Scotia	New- Brunswick	Quebec	Ontario	Manitoba	Saskat- chewan	Alberta	British Columbia	Yukon and N.W.T.	No.
thousand kwh.									
197,913	659,682	20,962,903	18,220,894	3,033,843	891,156	715,671	4,150,568	116,385	1
1,096,074	577,225	33,155	4,995,348	55,054	1,003,595	2,115,864	1,169,698	14,731	2
1,293,987	1,236,907	20,996,058	23,216,242	3,088,897	1,894,751	2,831,535	5,320,266	131,116	3
13,150	35,089	9,163,617 <sup>r</sup>	821,787	30,450	37,631	-	4,304,930	24,022	4
109,922	287,151	182,180 <sup>r</sup>	496,862	46	55,575	189,317	558,929	-	5
123,072	322,240	9,345,797 <sup>r</sup>	1,318,649	30,496	93,206	189,317	4,863,859	24,022	6
211,063	694,771	30,126,520 <sup>r</sup>	19,042,681	3,064,293	928,787	715,671	8,455,498	140,407	7
1,205,996	864,376	215,335 <sup>r</sup>	5,492,210	55,100	1,059,170	2,305,181	1,728,627	14,731	8
1,417,059	1,559,147	30,341,855 <sup>r</sup>	24,534,891	3,119,393	1,987,957	3,020,852	10,184,125	155,138	9
30,153	137,642	78,346	2,852,340 <sup>r</sup>	327,179	142,328	12,943	15,091	-	10
-	8,303	480	1,003,531	-	-	-	252,937	-	11
30,153	145,945	78,826	3,855,871 <sup>r</sup>	327,179	142,328	12,943	268,028	-	12
1,447,212	1,705,092	30,420,681	28,390,762	3,446,572	2,130,285	3,033,795	10,452,153	155,138	13
71,399	-	1,879,206 <sup>r</sup>	-	4,396	318,794	15,091	12,943	-	14
41,495	30,153	994,195 <sup>r</sup>	47,392	141,619	1,363	-	-	-	15
-	118,463	7,122	198,528	-	-	-	1,257	-	16
-	51,167	1,083	1,262,987	-	-	-	240,915	-	17
112,894	199,783	2,881,606 <sup>r</sup>	1,508,907	146,015	320,157	15,091	255,115	-	18
1,334,318	1,505,309	27,539,075	26,881,855	3,300,557	1,810,128	3,018,704	10,197,038	155,138	19
149,973	525,454	8,319,458 <sup>r</sup>	2,839,482	318,931	78,139	248,419	5,182,009	21,378	20
-	24,431	577,527	126,795	55,912	6,764	-	170,430	3,123	21
149,973	549,885	8,896,985 <sup>r</sup>	2,966,277	374,843	84,903	248,419	5,352,439	24,501	22
362,145	415,783	10,253,522	10,234,603	1,133,539	500,891	1,082,686	1,595,489	61,581	23
12,648	34,733	430,165	248,511	83,201	-	2,285	-	29,474	24
263,874	155,383	1,386,235	2,766,277	411,523	315,659	452,052	1,059,813	15,212	25
362,722	266,078	4,666,578	6,105,402	859,261	412,087	635,224	1,607,166	11,776	26
-	-	-	-	214,444	229,334	221,403	-	-	27
11,158	9,819	139,499	168,349	32,562	14,976	49,286	49,450	260	28
1,012,547	881,796	16,875,999	19,523,142	2,734,530	1,472,947	2,442,936	4,311,918	118,303	29
82,072	59,377	1,461,363	1,880,078	191,184	232,088	273,133	420,064	6,068	30
89,726	14,251	304,728	2,512,358	-	20,190	54,216	112,617	6,266	31
1,447,212	1,705,092	30,420,681	28,390,762	3,446,572	2,130,285	3,033,795	10,452,153	155,138	32

... Figures not appropriate or not applicable.

<sup>r</sup> Revised figures.



TABLE 5. Supply of Electric Energy

January - August 1966

Month	Total net generation	Imports from United States	Exports to United States	Net energy made available in Canada	Secondary energy used in Canada	Firm energy made available in Canada	Daily average, total net generation
thousand kwh.							
January .....	13,966,466	245,055	311,392	13,900,129	330,769	13,569,360	450,531
February .....	12,612,938	213,019	278,318	12,547,639	325,415	12,222,224	450,462
March .....	13,596,765	215,900	304,959	13,507,706	362,178	13,145,528	438,605
April .....	12,572,808	176,750	309,433	12,440,125	283,278	12,156,847	419,094
May .....	12,817,093	191,092	327,780	12,680,405	264,119	12,416,286	413,455
June .....	12,261,412 <sup>r</sup>	223,435	349,640	12,135,207 <sup>r</sup>	247,069 <sup>r</sup>	11,888,138 <sup>r</sup>	408,714 <sup>r</sup>
July .....	11,824,226	312,122	329,833	11,806,515	199,875	11,606,640	381,427
August .....	12,684,509	315,681	388,610	12,611,580	398,055	12,213,525	409,178
September .....							
October .....							
November .....							
December .....							
Year .....							

<sup>r</sup> Revised figures.

TABLE 6. Sales of Electric Energy to Ultimate Customers

January - June 1966

Year and month	Domestic	Farm(1)	General service (commercial)	Firm power(2)	Secondary power(2)	Total power(2)	Street lighting	Total sales to ultimate customers
thousand kwh.								
1964 .....	23,934,160	945,237	11,082,698	76,994,091	3,415,366	80,409,457	835,158	117,206,710
1965 .....	25,795,091	1,092,482	12,398,338	82,854,369	3,809,402	86,663,771	917,637	126,867,319
1966 - January .....	2,734,290	98,297	1,223,072	7,430,921	330,769	7,761,690	91,436	11,908,785
February .....	2,752,889	130,008	1,204,162	6,995,997	325,415	7,321,417	85,192	11,493,663
March .....	2,661,065	125,056	1,166,203	7,493,123	362,178	7,855,301	82,066	11,889,691
April .....	2,495,740	115,033	1,152,311	7,429,511	283,278	7,712,789	78,366	11,554,239
May .....	2,300,705	105,414	1,071,759	7,623,134	264,119	7,887,253	74,375	11,439,506
June .....	2,152,058	91,373	1,085,142	7,479,711	247,069 <sup>r</sup>	7,726,780	69,662	11,125,015
July .....								
August .....								
September .....								
October .....								
November .....								
December .....								
Year .....								

(1) Many utilities cannot distinguish between domestic and farm, as they do not keep separate records.

(2) Includes sales to industrial establishments with generating facilities.

TABLE 7. Net Generation, 1961-66

CANADA

Year and month	Utilities			Industry			Grand total
	Hydro	Thermal	Total	Hydro	Thermal	Total	
	thousand kwh.						
1961 .....	82,014,614	7,049,079	89,063,693	21,660,132	2,497,588	24,157,720	113,221,413
1962 .....	80,861,406	10,781,660	91,643,066	22,789,817	2,570,288	25,360,105	117,003,171
1963 .....	80,214,421	15,428,726	95,643,147	23,102,958	2,811,630	25,914,588	121,557,735
1964 .....	84,888,835	17,588,035	102,476,870	28,336,790	3,478,537	31,815,327	134,292,197
1965 .....	87,490,735	22,572,614	110,063,349	29,219,645	3,877,684	33,097,329	143,160,678
1966 - January .....	8,617,208	2,413,701	11,030,909	2,603,539	332,018	2,935,557	13,966,466
February .....	7,774,154	2,139,397	9,913,551	2,385,020	314,367	2,699,387	12,612,938
March .....	8,657,761	2,073,002	10,730,763	2,519,641	346,361	2,866,002	13,596,765
April .....	8,179,134	1,710,804	9,889,938	2,376,509	306,361	2,682,870	12,572,808
May .....	8,596,917	1,484,828	10,081,745	2,430,858	304,490	2,735,348	12,817,093
June .....	8,223,073 <sup>r</sup>	1,387,164	9,610,237 <sup>r</sup>	2,343,914 <sup>r</sup>	307,261	2,651,175 <sup>r</sup>	12,261,412 <sup>r</sup>
July .....	7,710,106	1,461,117	9,171,223	2,361,521	291,482	2,653,003	11,824,226
August .....	8,044,659	1,735,280	9,779,939	2,584,596	319,974	2,904,570	12,684,509
September .....							
October .....							
November .....							
December .....							

<sup>r</sup> Revised figures.







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## ELECTRIC POWER STATISTICS

SEPTEMBER 1966

Table 1 of this report contains preliminary statistics on energy generation, imports, exports and secondary for the month of September 1966. These preliminary statistics indicate that net generation increased 9.0 per cent to 12,625,775 thousand kwh. in September 1966 from 11,578,103<sup>r</sup> thousand kwh. generated one year ago.

Imports decreased to 220,995 thousand kwh. from 293,685 thousand kwh. and exports increased to 392,523 thousand kwh. from 314,121 thousand kwh. in September 1965.

Table 2 shows detailed data concerning the amount of energy made available and the disposition of this energy for the month of July 1966. These figures include a breakdown of sales by rate categories for large utilities and industries while distribution by smaller utilities and industries is included in "distribution by non-respondents" (item 31). Distribution by non-respondents is the energy which is delivered by companies which report in this survey to companies which do not report. Consumption of own generation by industrial establishments is included in "used in own plant" (items 20 and 21). Comparable July 1965 data is shown for all categories where available.

Table 5, 6 and 7 give final data for the months January to July 1966 and preliminary data for other months. In Table 5 secondary energy includes both that used in own plant and that sold to ultimate customers. In July, of the 221,325<sup>r</sup> thousand kwh. of secondary energy 42,456 thousand kwh. was used in own plant, while 178,869 thousand kwh. was sold to ultimate customers.

Total generation for the twelve-month period ending September 30, 1966 amounted to 153,921,743 thousand kwh. compared to 152,874,071<sup>r</sup> for the period ending in August.

Monthly electric power statistics are designed to provide current information on the production and consumption of electric energy in Canada. In order to expedite the collection and compilation of returns, the series is confined to firms which generate a minimum of 10 million kwh. per annum and to large distributors of electric energy. These firms accounted for 99.5 per cent of total production in 1964.

In the electric power series, net generation is defined as total generation less the amount used in station service.

Industry Division

November 1966  
6503-513

TABLE 1. Preliminary Electric Energy Statistics  
September 1966

No.		Canada 1965	Canada	Newfound- land	Prince Edward Island
			thousand kwh.		
1	Net generation - Hydro .....	9,327,935	10,037,888	202,460	-
2	Thermal .....	2,250,168 <sup>r</sup>	2,587,887	27,727	12,255
3	Total net generation (1 + 2) .....	11,578,103 <sup>r</sup>	12,625,775	230,187	12,255
	Energy received from other provinces and imported:				
	Received from other provinces .....	...	...	-	-
	Imported from United States .....	293,685	220,995	-	-
	Total received from other provinces and imported (4 + 5) .....	293,685	220,995	-	-
	Energy delivered to other provinces and exported:				
	Delivered to other provinces - Firm .....	...	...	4,758	-
	Secondary .....	...	...	1,742	-
	Exported to United States - Firm .....	44,054	39,401	-	-
	Secondary .....	270,067	353,122	-	-
	Total delivered to other provinces and exported (7 + 8 + 9 + 10) .....	314,121	392,523	6,500	-
12	Total made available for use in Canada (3 + 6 - 11) ....	11,557,667 <sup>r</sup>	12,454,247	223,687	12,255
13	Secondary energy used in Canada(1) .....	364,609 <sup>r</sup>	362,911	-	-
14	Firm energy made available for use in Canada (12 - 13) .....	11,193,058 <sup>r</sup>	12,091,336	223,687	12,255

(1) Includes secondary energy used in own plant and sold to ultimate customers.

TABLE 2. Supply and Disposal of Electric Energy  
July 1966

No.		Canada 1965	Canada	Newfound- land	Prince Edward Island
			thousand kwh.		
	<u>Supply of electric energy</u>				
	Net generation:				
1	Utilities - Hydro .....	6,539,938	7,712,867 <sup>r</sup>	151,106	-
2	Thermal .....	1,620,547	1,461,117	16,630	12,267
3	Totals (1 + 2) .....	8,160,485	9,173,984 <sup>r</sup>	167,736	12,267
4	Industry - Hydro .....	2,351,526	2,361,749 <sup>r</sup>	39,500	-
5	Thermal .....	318,548 <sup>r</sup>	291,482	5,681	-
6	Totals (4 + 5) .....	2,670,074 <sup>r</sup>	2,653,231 <sup>r</sup>	45,181	-
7	Grand total - Hydro (1 + 4) .....	8,891,464	10,074,616 <sup>r</sup>	190,606	-
8	Thermal (2 + 5) .....	1,939,095 <sup>r</sup>	1,752,599	22,311	12,267
9	Total net generation (7 + 8) .....	10,830,559 <sup>r</sup>	11,827,215 <sup>r</sup>	212,917	12,267
	Energy received from other provinces and imported:				
	Received from other provinces .....	...	...	-	-
	Imported from United States .....	374,230	312,122	-	-
	Total received from other provinces and imported (10 + 11) .....	374,230	312,122	-	-
13	Total supply of energy (9 + 12) .....	11,204,789 <sup>r</sup>	12,139,337	212,917	12,267
	<u>Disposal of electric energy</u>				
	Energy delivered to other provinces and exported:				
14	Delivered to other provinces - Firm .....	...	...	4,168 <sup>r</sup>	-
15	Secondary .....	...	...	1,963 <sup>r</sup>	-
16	Exported to United States - Firm .....	40,413 <sup>r</sup>	44,398	-	-
17	Secondary .....	239,366 <sup>r</sup>	285,435	-	-
18	Total delivered to other provinces and exported (14 + 15 + 16 + 17) .....	279,779	329,833	6,131	-
19	Total made available for use in Canada (13 - 18) ....	10,925,010	11,809,504	206,786	12,267
20	Energy used in own plant - Firm .....	... (3)	3,115,956	92,510	-
21	Secondary .....	... (3)	42,456	-	-
22	Total used in own plant (20 + 21) .....	... (3)	3,158,412	92,510	-
	Sales to ultimate customers:				
23	Power - Firm .....	6,774,251 <sup>r</sup>	4,261,302	78,365	193
24	Secondary .....	226,798 <sup>r</sup>	178,869 <sup>r</sup>	-	1,457 <sup>r</sup>
25	General service (commercial) .....	947,508	1,028,990	7,474	4,478
26	Domestic .....	1,843,444 <sup>r</sup>	1,976,531	20,812	4,606
27	Farm(1) .....	80,172	83,939	-	-
28	Street lighting .....	66,842	71,512	717	136
29	Total sales to ultimate customers (23 + 24 + 25 + 26 + 27 + 28) .....	9,939,015 <sup>r</sup>	7,601,143	107,368	10,870
30	Unallocated energy(2) .....	577,480 <sup>r</sup>	618,205	5,611	1,203
31	Distribution by non-respondents .....	408,515 <sup>r</sup>	431,744	1,297	194
32	Total disposal of energy (18 + 22 + 29 + 30 + 31) .....	11,204,789 <sup>r</sup>	12,139,337	212,917	12,267

(1) Many utilities cannot distinguish between domestic and farm, as they do not keep separate records.

(2) Includes losses, unaccounted for, and cyclical billing adjustment.

TABLE 1. Preliminary Electric Energy Statistics  
September 1966

Nova Scotia	New-Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Yukon and N.W.T.	No.
thousand kwh.									
20,615	44,964	5,073,274	2,683,009	461,291	119,998	90,855	1,321,555	19,867	1
239,652	171,634	62,066	1,102,530	2,852	170,464	381,369	415,112	2,226	2
260,267	216,598	5,135,340	3,785,539	464,143	290,462	472,224	1,736,667	22,093	3
-	60,559	10,294	504,152	48,655	33,409	2,272	-	-	4
-	518	68	182,036	-	-	-	38,373	-	5
-	61,077	10,362	686,188	48,655	33,409	2,272	38,373	-	6
17,272	-	331,070	-	707	47,994	-	2,272	-	7
32,908	39	182,825	4,392	33,338	24	-	-	-	8
-	8,069	1,144	29,980	-	-	-	208	-	9
-	7,375	2,634	242,897	-	-	-	100,216	-	10
50,180	15,483	517,673	277,269	34,045	48,018	-	102,696	-	11
210,087	262,192	4,628,029	4,194,458	478,753	275,853	474,496	1,672,344	22,093	12
-	10,775	276,805	35,806	12,765	1,163	-	21,655	3,942	13
210,087	251,417	4,351,224	4,158,652	465,988	274,690	474,496	1,650,689	18,151	14

TABLE 2. Supply and Disposal of Electric Energy  
July 1966

Nova Scotia	New-Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Yukon and N.W.T.	No.
thousand kwh.									
36,146	52,073	3,358,055 <sup>r</sup>	2,652,639 <sup>r</sup>	396,176	184,341	171,141	697,949 <sup>r</sup>	13,241	1
157,200	158,427	5,024	657,345	2,292	106,137	238,507	105,428	1,860	2
193,346	210,500	3,363,079 <sup>r</sup>	3,309,984 <sup>r</sup>	398,468	290,478	409,648	803,377 <sup>r</sup>	15,101	3
1,483	4,303	1,452,424 <sup>r</sup>	128,635 <sup>r</sup>	5,392	6,222	-	720,007	3,783	4
19,054	43,716	27,781	73,523	27	8,481	29,576	83,643	-	5
20,537	48,019	1,480,205 <sup>r</sup>	202,158 <sup>r</sup>	5,419	14,703	29,576	803,650	3,783	6
37,629	56,376	4,810,479 <sup>r</sup>	2,781,274 <sup>r</sup>	401,568	190,563	171,141	1,417,956 <sup>r</sup>	17,024	7
176,254	202,143	32,805	730,868	2,319	114,618	268,083	189,071	1,860	8
213,883	258,519	4,843,284 <sup>r</sup>	3,512,142 <sup>r</sup>	403,887	305,181	439,224	1,607,027 <sup>r</sup>	18,884	9
4,861	16,820	9,619	542,783 <sup>r</sup>	50,377	4,017	4,929	-	-	10
-	228	60	236,246	-	-	-	75,588	-	11
4,861	17,048	9,679	779,029	50,377	4,017	4,929	75,588	-	12
218,744	275,567	4,852,963	4,291,171	454,264	309,198	444,153	1,682,615	18,884	13
9,235	-	329,085 <sup>r</sup>	-	742	49,540	-	4,929	-	14
4,940	4,861	215,693 <sup>r</sup>	4,156	3,925	169	-	-	-	15
-	9,725	898	33,490	-	-	-	285	-	16
-	13,708	1,320	242,964	-	-	-	27,443	-	17
14,175	28,294	546,996 <sup>r</sup>	280,610	4,667	49,709	-	32,657	-	18
204,569	247,273	4,305,967	4,010,561	449,597	259,489	444,153	1,649,958	18,884	19
27,634	93,596	1,425,286	467,468	50,326	10,807	37,370	907,788	3,171	20
-	616	9,027	8,444	722	1,403	-	21,680	564	21
27,634	94,212	1,434,313	475,912	51,048	12,210	37,370	929,468	3,735	22
53,247	78,534	1,695,171	1,611,167	175,624	117,502	182,503	260,821	8,175	23
4,352 <sup>r</sup>	5,480 <sup>r</sup>	120,882	40,551 <sup>r</sup>	4,036 <sup>r</sup>	-	422 <sup>r</sup>	-	1,689 <sup>r</sup>	24
37,847	22,234	194,295	444,762	58,632	24,133	70,275	163,490	1,370	25
47,539	35,659	592,285	841,063	102,124	47,306	73,041	211,260	836	26
-	-	-	-	24,252	30,062	29,625	-	-	27
1,731	1,648	21,871	27,448	3,988	1,402	6,174	6,376	21	28
144,716	143,555	2,624,504	2,964,991	368,656	220,405	362,040	641,947	12,091	29
19,023	7,248	205,614	224,089	29,893	23,744	37,296	62,180	2,304	30
13,196	2,258	41,536	345,569	-	3,130	7,447	16,363	754	31
218,744	275,567	4,852,963	4,291,171	454,264	309,198	444,153	1,682,615	18,884	32

(3) Amount used in own plant is included in firm and secondary power sales in 1965.

... Figures not appropriate or not applicable.



TABLE 3. Cumulative Preliminary Electric Energy Statistics  
January - September 1966

No.		Canada 1965	Canada	Newfound- land	Prince Edward Island
			thousand kwh.		
1	Net generation - Hydro .....	84,368,733	95,447,101	1,935,389	-
	Thermal .....	19,562,785	19,515,005	181,422	110,653
3	Total net generation (1 + 2) .....	103,931,518	114,962,106	2,116,811	110,653
	Energy received from other provinces and imported:				
4	Received from other provinces .....	...	...	-	-
5	Imported from United States .....	2,820,099	2,114,049	-	-
6	Total received from other provinces and imported				
	(4 + 5) .....	2,820,099	2,114,049	-	-
	Energy delivered to other provinces and exported:				
7	Delivered to other provinces - Firm .....	...	...	42,126 <sup>r</sup>	-
8	Secondary .....	...	...	15,213 <sup>r</sup>	-
9	Exported to United States - Firm .....	481,543 <sup>r</sup>	453,495	-	-
10	Secondary .....	2,181,002 <sup>r</sup>	2,538,993	-	-
11	Total delivered to other provinces and exported				
	(7 + 8 + 9 + 10) .....	2,662,545	2,992,488	57,339	-
12	Total made available for use in Canada (3 + 6 - 11) ....	104,089,072	114,083,667	2,059,472	110,653
13	Secondary energy used in Canada(1) .....	2,386,781	2,702,418	493	3,953
14	Firm energy made available for use in Canada				
	(12 - 13) .....	101,702,291	111,381,249	2,058,979	106,700

(1) Includes secondary energy used in own plant and sold to ultimate customers.

TABLE 4. Cumulative Supply and Disposal of Electric Energy  
January - July 1966

No.		Canada 1965	Canada	Newfound- land	Prince Edward Island
			thousand kwh.		
	<u>Supply of electric energy</u>				
	Net generation:				
1	Utilities - Hydro .....	49,529,261	57,761,114	1,250,338	-
	Thermal .....	12,870,785	12,670,013	91,717	85,332
	Totals (1 + 2) .....	62,400,046	70,431,127	1,342,055	85,332
	Industry - Hydro .....	16,259,138	17,021,604	268,679	-
	Thermal .....	2,241,183	2,201,851	36,068	-
	Totals (4 + 5) .....	18,500,321	19,223,455	304,747	-
	Grand total - Hydro (1 + 4) .....	65,788,399	74,782,718	1,519,017	-
	Thermal (2 + 5) .....	15,111,968	14,871,864	127,785	85,332
	Total net generation (7 + 8) .....	80,900,367	89,654,582	1,646,802	85,332
	Energy received from other provinces and imported:				
10	Received from other provinces .....	...	...	-	-
11	Imported from United States .....	2,249,206	1,577,373	-	-
12	Total received from other provinces and imported				
	(10 + 11) .....	2,249,206	1,577,373	-	-
13	Total supply of energy (9 + 12) .....	83,149,573	91,231,955	1,646,802	85,332
	<u>Disposal of electric energy</u>				
	Energy delivered to other provinces and exported:				
14	Delivered to other provinces - Firm .....	...	...	29,095	-
15	Secondary .....	...	...	15,012	-
16	Exported to United States - Firm .....	395,666 <sup>r</sup>	369,768	-	-
17	Secondary .....	1,633,447 <sup>r</sup>	1,841,587	-	-
18	Total delivered to other provinces and exported				
	(14 + 15 + 16 + 17) .....	2,029,113	2,211,355	44,107	-
19	Total made available for use in Canada (13 - 18) ....	81,120,460	89,020,600	1,602,695	85,332
20	Energy used in own plant - Firm .....	...	21,326,000	619,311	-
21	Secondary .....	...	1,007,438	-	-
22	Total used in own plant (20 + 21) .....	...	22,333,438	619,311	-
	Sales to ultimate customers:				
23	Power - Firm .....	47,418,912 <sup>r</sup>	30,659,548 <sup>r</sup>	679,414	1,663
24	Secondary .....	1,692,800	1,026,195	493	7,273
25	General service (commercial) .....	7,223,875	7,776,151 <sup>r</sup>	56,885	31,688
26	Domestic .....	15,697,620	17,073,278	160,786	35,085
27	Farm(1) .....	700,567 <sup>r</sup>	749,120	-	-
28	Street lighting .....	514,918 <sup>r</sup>	552,609	5,526	1,065
29	Total sales to ultimate customers (23 + 24 + 25 +				
	26 + 27 + 28) .....	73,248,692 <sup>r</sup>	57,836,901	903,104	76,774
30	Unallocated energy(2) .....	4,695,336	5,296,861	73,034	7,009
31	Distribution by non-respondents .....	3,176,432 <sup>r</sup>	3,553,400	7,246	1,549
32	Total disposal of energy (18 + 22 + 29 + 30 + 31) .....	83,149,573	91,231,955	1,646,802	85,332

(1) Many utilities cannot distinguish between domestic and farm, as they do not keep separate records  
(2) Includes losses, unaccounted for, and cyclical billing adjustment.

TABLE 3. Cumulative Preliminary Electric Energy Statistics  
January - September 1966

Nova Scotia	New-Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Yukon and N.W.T.	No.
thousand kwh.									
302,740	834,393	45,382,025	27,407,675	4,365,341	1,426,682	1,108,854	12,487,957	196,045	1
1,823,957	1,449,870	343,924	8,088,992	62,542	1,463,063	3,289,135	2,680,681	20,766	2
2,126,697	2,284,263	45,725,949	35,496,667	4,427,883	2,889,745	4,397,989	15,168,638	216,811	3
35,092	247,106	109,919	4,542,010 <sup>†</sup>	477,268	197,076	24,619	15,091	-	4
-	9,682	668	1,618,336	-	-	-	485,363	-	5
35,092	256,788	110,587	6,160,346 <sup>†</sup>	477,268	197,076	24,619	500,454	-	6
108,601	-	2,878,928	-	6,496	466,339	15,091	24,619	-	7
95,456	35,131	1,700,453	61,593	196,258	1,877	-	-	-	8
-	145,603	10,241	295,564	-	-	-	2,087	-	9
-	80,220	6,965	2,041,665	-	-	-	410,143	-	10
204,057	260,954	4,596,587	2,398,822	202,754	468,216	15,091	436,849	-	11
1,957,732	2,280,097	41,239,949	39,258,191 <sup>†</sup>	4,702,397	2,618,605	4,407,517	15,232,243	216,811	12
3,093	61,150	1,717,877	466,949	158,489	11,155	1,305	234,946	43,008	13
1,954,639	2,218,947	39,522,072	38,791,242 <sup>†</sup>	4,543,908	2,607,450	4,406,212	14,997,297	173,803	14

TABLE 4. Cumulative Supply and Disposal of Electric Energy  
January - July 1966

Nova Scotia	New-Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Yukon and N.W.T.	No.
thousand kwh.									
234,059	711,755	24,320,958	20,873,533	3,430,019	1,075,497	886,812	4,848,517	129,626	1
1,253,274	735,652	38,179	5,652,693	57,346	1,109,732	2,354,371	1,275,126	16,591	2
1,487,333	1,447,407	24,359,137	26,526,226	3,487,365	2,185,229	3,241,183	6,123,643	146,217	3
14,633	39,392	10,616,041 <sup>†</sup>	950,422	35,842	43,853	-	5,024,937	27,805	4
128,976	330,867	209,961 <sup>†</sup>	570,385	73	64,056	218,893	642,572	-	5
143,609	370,259	10,826,002 <sup>†</sup>	1,520,807	35,915	107,909	218,893	5,667,509	27,805	6
248,692	751,147	34,936,999	21,823,955	3,465,861	1,119,350	886,812	9,873,454	157,431	7
1,382,250	1,066,519	248,140	6,223,078	57,419	1,173,788	2,573,264	1,917,698	16,591	8
1,630,942	1,817,666	35,185,139	28,047,033	3,523,280	2,293,138	3,460,076	11,791,152	174,022	9
35,014	154,462	87,965	3,395,123 <sup>†</sup>	377,556	146,345	17,872	15,091	-	10
-	8,531	540	1,239,777	-	-	-	328,525	-	11
35,014	162,993	88,505	4,634,900 <sup>†</sup>	377,556	146,345	17,872	343,616	-	12
1,665,956	1,980,659	35,273,644	32,681,933	3,900,836	2,439,483	3,477,948	12,134,768	174,022	13
80,634	-	2,208,291 <sup>†</sup>	-	5,138	368,334	15,091	17,872	-	14
46,435	35,014	1,209,888 <sup>†</sup>	51,548	145,544	1,532	-	-	-	15
-	128,188	8,020	232,018	-	-	-	1,542	-	16
-	64,875	2,403	1,505,951	-	-	-	268,358	-	17
127,069	228,077	3,428,602 <sup>†</sup>	1,789,517	150,682	369,866	15,091	287,772	-	18
1,538,887	1,752,582	31,845,042 <sup>†</sup>	30,892,416	3,750,154	2,069,617	3,462,857	11,864,996	174,022	19
177,607	619,050	9,744,744	3,306,950	369,257	88,946	285,789	6,089,797	24,549	20
-	25,047	586,554	135,239	56,634	8,167	-	192,110	3,687	21
177,607	644,097	10,331,298	3,442,189	425,891	97,113	285,789	6,281,907	28,236	22
415,392	494,317	11,948,693	11,845,770	1,309,163	773,881 <sup>†</sup>	1,265,189	1,856,310	69,756	23
17,000	40,213	551,047	289,062	87,237	-	2,707	-	31,163	24
301,721	177,617	1,580,530	3,211,039	470,155	184,304 <sup>†</sup>	522,327	1,223,303	16,582	25
410,261	301,737	5,258,863	6,946,465	961,385	459,393	708,265	1,818,426	12,612	26
-	-	-	-	238,696	259,396	251,028	-	-	27
12,889	11,467	161,370	195,797	36,550	16,378	55,460	55,826	281	28
1,157,263	1,025,351	19,500,503	22,488,133	3,103,186	1,693,352	2,804,976	4,953,865	130,394	29
101,095	66,625	1,666,977	2,104,167	221,077	255,832	310,429	482,244	8,372	30
102,922	16,509	346,264	2,857,927	-	23,320	61,663	128,980	7,020	31
1,665,956	1,980,659	35,273,644	32,681,933	3,900,836	2,439,483	3,477,948	12,134,768	174,022	32

(3) Amount used in own plant is included in firm and secondary power sales in 1965.

... Figures not appropriate or not applicable.

TABLE 5. Supply of Electric Energy  
January - September 1966

Month	Total net generation	Imports from United States	Exports to United States	Net energy made available in Canada	Secondary energy used in Canada	Firm energy made available in Canada	Daily average, total net generation
thousand kwh.							
January .....	13,966,466	245,055	311,392	13,900,129	330,769	13,569,360	450,531
February .....	12,612,938	213,019	278,318	12,547,639	325,415	12,222,224	450,462
March .....	13,596,765	215,900	304,959	13,507,706	362,178	13,145,528	438,605
April .....	12,572,808	176,750	309,433	12,440,125	283,278	12,156,847	419,094
May .....	12,817,093	191,092	327,780	12,680,405	264,119	12,416,286	413,455
June .....	12,261,412	223,435	349,640	12,135,207	247,069	11,888,138	408,714
July .....	11,827,215 <sup>r</sup>	312,122	329,833	11,809,504 <sup>r</sup>	221,325 <sup>r</sup>	11,558,179 <sup>r</sup>	381,523 <sup>r</sup>
August .....	12,684,509	315,681	388,610	12,611,580	398,055	12,213,525	409,178
September .....	12,625,775	220,995	392,523	12,454,247	362,911	12,091,336	420,859
October .....							
November .....							
December .....							
Year .....							

<sup>r</sup> Revised figures.

TABLE 6. Sales of Electric Energy to Ultimate Customers  
January - July 1966

Year and month	Domestic	Farm(1)	General service (commercial)	Firm power(2)	Secondary power(2)	Total power(2)	Street lighting	Total sales to ultimate customers
thousand kwh.								
1964 .....	23,934,160	945,237	11,082,698	76,994,091	3,415,366	80,409,457	835,158	117,206,710
1965 .....	25,795,091	1,092,482	12,398,338	82,854,369	3,809,402	86,663,771	917,637	126,867,319
1966 - January .....	2,734,290	98,297	1,223,072	7,430,921	330,769	7,761,690	91,436	11,908,785
February .....	2,752,889	130,008	1,204,162	6,995,997	325,415	7,321,412	85,192	11,493,663
March .....	2,661,065	125,056	1,166,203	7,493,123	362,178	7,855,301	82,066	11,889,691
April .....	2,495,740	115,033	1,152,311	7,429,511	283,278	7,712,789	78,366	11,554,239
May .....	2,300,705	105,414	1,071,759	7,623,134	264,119	7,887,253	74,375	11,439,506
June .....	2,152,058	91,373	1,085,142	7,479,711	247,069	7,726,780	69,662	11,125,015
July .....	1,976,531	83,939	1,028,990	7,377,258	221,325 <sup>r</sup>	7,598,583	71,512	10,759,555
August .....								
September .....								
October .....								
November .....								
December .....								
Year .....								

(1) Many utilities cannot distinguish between domestic and farm, as they do not keep separate records.

(2) Includes sales to industrial establishments with generating facilities.

<sup>r</sup> Revised figure.

TABLE 7. Net Generation, 1961-66

CANADA

Year and month	Utilities			Industry			Grand total
	Hydro	Thermal	Total	Hydro	Thermal	Total	
	thousand kwh.						
1961 .....	82,014,614	7,049,079	89,063,693	21,660,132	2,497,588	24,157,720	113,221,413
1962 .....	80,861,406	10,781,660	91,643,066	22,789,817	2,570,288	25,360,105	117,003,171
1963 .....	80,214,421	15,428,726	95,643,147	23,102,958	2,811,630	25,914,588	121,557,735
1964 .....	84,888,835	17,588,035	102,476,870	28,336,790	3,478,537	31,815,327	134,292,197
1965 .....	87,490,735	22,572,614	110,063,349	29,219,645	3,877,684	33,097,329	143,160,678
1966 - January .....	8,617,208	2,413,701	11,030,909	2,603,539	332,018	2,935,557	13,966,466
February .....	7,774,154	2,139,397	9,913,551	2,385,020	314,367	2,699,387	12,612,938
March .....	8,657,761	2,073,002	10,730,763	2,519,641	346,361	2,866,002	13,596,765
April .....	8,179,134	1,710,804	9,889,938	2,376,509	306,361	2,682,870	12,572,808
May .....	8,596,917	1,484,828	10,081,745	2,430,858	304,490	2,735,348	12,817,093
June .....	8,223,073	1,387,164	9,610,237	2,343,914	307,261	2,651,175	12,261,412
July .....	7,712,867 <sup>r</sup>	1,461,117	9,173,984 <sup>r</sup>	2,361,749 <sup>r</sup>	291,482	2,653,231 <sup>r</sup>	11,827,215 <sup>r</sup>
August .....	8,044,659	1,735,280	9,779,939	2,584,596	319,974	2,904,570	12,684,509
September .....	7,426,216	2,308,549	9,734,765	2,611,672	279,338	2,891,010	12,625,775
October .....							
November .....							
December .....							

<sup>r</sup> Revised figures.







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ELECTRIC POWER STATISTICS

OCTOBER 1966

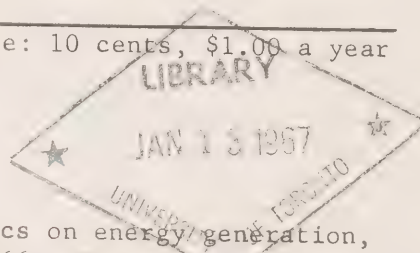


Table 1 of this report contains preliminary statistics on energy generation, imports, exports and secondary for the month of October 1966. These preliminary statistics indicate that net generation increased 8.4 per cent to 13,619,312 thousand kwh. in October 1966 from 12,568,525<sup>r</sup> thousand kwh. generated one year ago.

Imports increased to 286,752 thousand kwh. from 280,000 thousand kwh. and exports increased to 420,015 thousand kwh. from 309,610 thousand kwh. in October 1965.

Table 2 shows detailed data concerning the amount of energy made available and the disposition of this energy for the month of August 1966. These figures include a breakdown of sales by rate categories for large utilities and industries while distribution by smaller utilities and industries is included in "distribution by non-respondents" (item 31). Distribution by non-respondents is the energy which is delivered by companies which report in this survey to companies which do not report. Consumption of own generation by industrial establishments is included in "used in own plant" (items 20 and 21). Comparable August 1965 data is shown for all categories where available.

Tables 5, 6 and 7 give final data for months January to August 1966 and preliminary data for other months. In Table 5 secondary energy includes both that used in own plant and that sold to ultimate customers. In August of the 423,545<sup>r</sup> thousand kwh. of secondary energy 181,717 thousand kwh. was used in own plant, while 241,828 thousand kwh. was sold to ultimate customers.

Total generation for the twelve-month period ending October 31, 1966 amounted to 154,972,173 thousand kwh. compared to 153,921,386<sup>r</sup> for the period ending in September.

Monthly electric power statistics are designed to provide current information on the production and consumption of electric energy in Canada. In order to expedite the collection and compilation of returns, the series is confined to firms which generate a minimum of 10 million kwh. per annum and to large distributors of electric energy. These firms accounted for 99.5 per cent of total production in 1964.

In the electric power series, net generation is defined as total generation less the amount used in station service.

Industry Division

December 1966

6503-513



TABLE 1. Preliminary Electric Energy Statistics  
October 1966

No.		Canada 1965	Canada	Newfound- land	Prince Edward Island
			thousand kwh.		
1	Net generation - Hydro .....	10,560,393	10,847,322	222,390	-
2	Thermal .....	2,008,132 <sup>F</sup>	2,771,990	28,736	13,792
3	Total net generation (1 + 2) .....	12,568,525 <sup>F</sup>	13,619,312	251,126	13,792
4	Energy received from other provinces and imported:				
5	Received from other provinces .....	...	...	-	-
6	Imported from United States .....	280,000	286,752	-	-
7	Total received from other provinces and imported (4 + 5) .....	280,000	286,752	-	-
8	Energy delivered to other provinces and exported:				
9	Delivered to other provinces - Firm .....	...	...	5,275	-
10	Secondary .....	...	...	1,809	-
11	Exported to United States - Firm .....	52,125	49,105	-	-
12	Secondary .....	257,485	370,910	-	-
13	Total delivered to other provinces and exported (7 + 8 + 9 + 10) .....	309,610	420,015	7,084	-
14	Total made available for use in Canada (3 + 6 - 11) ....	12,538,915 <sup>F</sup>	13,486,049	244,042	13,792
15	Secondary energy used in Canada(1) .....	545,371 <sup>F</sup>	407,856	-	-
16	Firm energy made available for use in Canada (12 - 13) .....	11,993,544 <sup>F</sup>	13,078,193	244,042	13,792

(1) Includes secondary energy used in own plant and sold to ultimate customers.

TABLE 2. Supply and Disposal of Electric Energy  
August 1966

No.		Canada 1965	Canada	Newfound- land	Prince Edward Island
			thousand kwh.		
	<u>Supply of electric energy</u>				
	Net generation:				
1	Utilities - Hydro .....	6,703,268	8,044,707 <sup>F</sup>	165,176	-
2	Thermal .....	1,869,364	1,735,279 <sup>F</sup>	20,299	13,066
3	Totals (1 + 2) .....	8,572,632	9,779,986 <sup>F</sup>	185,475	13,066
4	Industry - Hydro .....	2,549,131	2,584,192 <sup>F</sup>	48,736	-
5	Thermal .....	331,965 <sup>F</sup>	319,974	5,611	-
6	Totals (4 + 5) .....	2,881,096 <sup>F</sup>	2,904,166 <sup>F</sup>	54,347	-
7	Grand total - Hydro (1 + 4) .....	9,252,399	10,628,899 <sup>F</sup>	213,912	-
8	Thermal (2 + 5) .....	2,201,329 <sup>F</sup>	2,055,253 <sup>F</sup>	25,910	13,066
9	Total net generation (7 + 8) .....	11,453,728 <sup>F</sup>	12,684,152 <sup>F</sup>	239,822	13,066
10	Energy received from other provinces and imported:				
11	Received from other provinces .....	...	...	-	-
12	Imported from United States .....	277,208	315,681	-	-
13	Total received from other provinces and imported (10 + 11) .....	277,208	315,681	-	-
14	Total supply of energy (9 + 12) .....	11,730,936 <sup>F</sup>	12,999,833	239,822	13,066
	<u>Disposal of electric energy</u>				
	Energy delivered to other provinces and exported:				
15	Delivered to other provinces - Firm .....	...	...	4,745	-
16	Secondary .....	...	...	1,987	-
17	Exported to United States - Firm .....	41,823	44,326	-	-
18	Secondary .....	277,488	344,284	-	-
19	Total delivered to other provinces and exported (14 + 15 + 16 + 17) .....	319,311	388,610	6,732	-
20	Total made available for use in Canada (13 - 18) ...	11,411,625	12,611,223	233,090	13,066
21	Energy used in own plant - Firm .....	...(3)	3,123,837	101,831	-
22	Secondary .....	...(3)	181,717	-	-
23	Total used in own plant (20 + 21) .....	...(3)	3,305,554	101,831	-
24	Sales to ultimate customers:				
25	Power - Firm .....	6,769,621 <sup>F</sup>	4,409,521	93,956	191
26	Secondary .....	355,551 <sup>F</sup>	241,828 <sup>F</sup>	-	1,731 <sup>F</sup>
27	General service (commercial) .....	942,354	1,019,842	6,564	4,314
28	Domestic .....	1,712,843 <sup>F</sup>	1,817,547	17,023	4,343
29	Farm(1) .....	77,563	82,778	-	-
30	Street lighting .....	70,676	76,495	795	137
31	Total sales to ultimate customers (23 + 24 + 25 + 26 + 27 + 28) .....	9,928,608 <sup>F</sup>	7,648,011	118,338	10,716
32	Unallocated energy(2) .....	1,042,428 <sup>F</sup>	1,217,058	11,134	2,209
33	Distribution by non-respondents .....	440,589	440,600	1,787	141
34	Total disposal of energy (18 + 22 + 29 + 30 + 31) .....	11,730,936 <sup>F</sup>	12,999,833	239,822	13,066

(1) Many utilities cannot distinguish between domestic and farm, as they do not keep separate records

(2) Includes losses, unaccounted for, and cyclical billing adjustment.

(3) Amount used in own plant is included in firm and secondary power sales in 1965.

TABLE 1. Preliminary Electric Energy Statistics

October 1966

Nova Scotia	New- Brunswick	Quebec	Ontario	Manitoba	Saskat- chewan	Alberta	British Columbia	Yukon and N.W.T.	No.
thousand kwh.									
37,435	90,941	5,421,956	2,910,074	511,477	101,247	94,149	1,434,695	22,956	1
215,629	188,100	46,333	1,201,077	11,984	205,321	425,253	433,272	2,493	2
253,064	279,041	5,468,289	4,111,151	523,461	306,568	519,402	1,867,967	25,451	3
6,085	40,890	18,461	519,256	49,730	37,488	97	1,355	-	4
-	421	74	223,158	-	-	-	63,099	-	5
6,085	41,311	18,535	742,414	49,730	37,488	97	64,454	-	6
15,201	-	383,184	-	819	49,306	1,355	97	-	7
18,060	6,085	137,884	11,794	42,486	7	-	-	-	8
-	14,700	1,267	32,916	-	-	-	222	-	9
-	11,072	1,938	247,016	-	-	-	110,884	-	10
33,261	31,857	524,273	291,726	43,305	49,313	1,355	111,203	-	11
225,888	288,495	4,962,551	4,561,839	529,886	294,743	518,144	1,821,218	25,451	12
-	1,874	306,802	44,079	18,317	1,242	-	31,106	4,436	13
225,888	286,621	4,655,749	4,517,760	511,569	293,501	518,144	1,790,112	21,015	14

† Revised figures.

TABLE 2. Supply and Disposal of Electric Energy

August 1966

Nova Scotia	New- Brunswick	Quebec	Ontario	Manitoba	Saskat- chewan	Alberta	British Columbia	Yukon and N.W.T.	No.
thousand kwh.									
32,621	35,747	3,693,719 <sup>†</sup>	2,759,765	432,846	180,237	131,187	598,534	14,875	1
179,047	165,508	1,479 <sup>†</sup>	684,504	2,262	110,426	299,413	257,326	1,949	2
211,668	201,255	3,695,198 <sup>†</sup>	3,444,269	435,108	290,663	430,600	855,860	16,824	3
812	2,535	1,680,413 <sup>†</sup>	140,933	5,343	7,097	-	694,451	3,872	4
23,008	46,209	32,238	78,880	9	8,385	35,089	90,545	-	5
23,820	48,744	1,712,651 <sup>†</sup>	219,813	5,352	15,482	35,089	784,996	3,872	6
33,433	38,282	5,374,132 <sup>†</sup>	2,900,698	438,189	187,334	131,187	1,292,985	18,747	7
202,055	211,717	33,717 <sup>†</sup>	763,384	2,271	118,811	334,502	347,871	1,949	8
235,488	249,999	5,407,849 <sup>†</sup>	3,664,082	440,460	306,145	465,689	1,640,856	20,696	9
78	32,085	11,660	642,735	51,057	17,322	4,475	-	-	10
-	633	60	196,523	-	-	-	118,465	-	11
78	32,718	11,720	839,258	51,057	17,322	4,475	118,465	-	12
235,566	282,717	5,419,569	4,503,340	491,517	323,467	470,164	1,759,321	20,696	13
10,695	-	339,567	-	651	50,011	-	4,475	-	14
16,113	78	307,740	5,653	17,376	321	-	-	-	15
-	9,346	1,077	33,566	-	-	-	337	-	16
-	7,970	1,928	292,817	-	-	-	41,569	-	17
26,808	17,394	650,312	332,036	18,027	50,332	-	46,381	-	18
208,758	265,323	4,769,257	4,171,304	473,490	273,135	470,164	1,712,940	20,696	19
29,834	97,685	1,404,510	469,557	50,946	11,157	45,304	909,740	3,273	20
-	4,222	144,903	8,081	915	1,823	-	21,181	592	21
29,834	101,907	1,549,413	477,638	51,861	12,980	45,304	930,921	3,865	22
51,910	82,291	1,754,596	1,651,487	192,866	104,386	180,877	287,836	9,125	23
3,442 <sup>†</sup>	6,089 <sup>†</sup>	176,749 <sup>†</sup>	45,237 <sup>†</sup>	5,808 <sup>†</sup>	-	536	-	2,236 <sup>†</sup>	24
36,915	22,607	194,806	442,793	57,357	25,213	70,872	155,940	2,461	25
46,935	35,649	551,573	743,599	101,416	46,104	75,528	193,869	1,508	26
-	-	-	-	25,649	31,988	25,141	-	-	27
1,162	1,675	23,528	27,831	4,778	1,807	7,285	7,455	42	28
140,364	148,311	2,701,252	2,910,947	387,874	209,498	360,239	645,100	15,372	29
24,611	12,358	477,673	430,901	33,755	47,487	56,541	119,725	664	30
13,949	2,747	40,919	351,818	-	3,170	8,088	17,194	795	31
235,566	282,717	5,419,569	4,503,340	491,517	323,467	470,164	1,759,321	20,696	32

... Figures not appropriate or not applicable.

† Revised figures.

TABLE 3. Cumulative Preliminary Electric Energy Statistics

January - October 1966

No.		Canada 1965	Canada	Newfound- land	Prince Edward Island
			thousand kwh.		
1	Net generation - Hydro .....	94,929,126	106,294,423	2,157,779	-
2	Thermal .....	21,570,548	22,286,995	210,158	124,445
3	Total net generation (1 + 2) .....	116,499,674	128,581,418	2,367,937	124,445
4	Energy received from other provinces and imported:				
5	Received from other provinces .....	...	...	-	-
6	Imported from United States .....	3,100,099	2,400,801	-	-
7	Total received from other provinces and imported (4 + 5) .....	3,100,099	2,400,801	-	-
8	Energy delivered to other provinces and exported:				
9	Delivered to other provinces - Firm .....	...	...	47,401	-
10	Secondary .....	...	...	17,022	-
11	Exported to United States - Firm .....	533,668 <sup>r</sup>	502,600	-	-
12	Secondary .....	2,438,487 <sup>r</sup>	2,909,903	-	-
13	Total delivered to other provinces and exported (7 + 8 + 9 + 10) .....	2,972,155	3,412,503	64,423	-
14	Total made available for use in Canada (3 + 6 - 11) .....	116,627,618	127,569,716	2,303,514	124,445
15	Secondary energy used in Canada(1) .....	2,888,257	3,110,274	493	3,953
16	Firm energy made available for use in Canada (12 - 13) .....	113,739,361	124,459,442	2,303,021	120,492

(1) Includes secondary energy used in own plant and sold to ultimate customers.

TABLE 4. Cumulative Supply and Disposal of Electric Energy

January - August 1966

No.		Canada 1965	Canada	Newfound- land	Prince Edward Island
			thousand kwh.		
	<u>Supply of electric energy</u>				
	Net generation:				
1	Utilities - Hydro .....	56,232,529	65,805,821	1,415,514	-
2	Thermal .....	14,740,149	14,405,292	112,016	98,398
3	Totals (1 + 2) .....	70,972,678	80,211,113	1,527,530	98,398
4	Industry - Hydro .....	18,808,269	19,605,796	317,415	-
5	Thermal .....	2,572,790	2,521,825	41,679	-
6	Totals (4 + 5) .....	21,381,059	22,127,621	359,094	-
7	Grand total - Hydro (1 + 4) .....	75,040,798	85,411,617	1,732,929	-
8	Thermal (2 + 5) .....	17,312,939	16,927,117	153,695	98,398
9	Total net generation (7 + 8) .....	92,353,737	102,338,734	1,886,624	98,398
10	Energy received from other provinces and imported:				
11	Received from other provinces .....	...	...	-	-
12	Imported from United States .....	2,526,414	1,893,054	-	-
13	Total received from other provinces and imported (10 + 11) .....	2,526,414	1,893,054	-	-
14	Total supply of energy (9 + 12) .....	94,880,151	104,231,788	1,886,624	98,398
	<u>Disposal of electric energy</u>				
15	Energy delivered to other provinces and exported:				
16	Delivered to other provinces - Firm .....	...	...	33,840	-
17	Secondary .....	...	...	16,999	-
18	Exported to United States - Firm .....	437,489 <sup>r</sup>	414,094	-	-
19	Secondary .....	1,910,935 <sup>r</sup>	2,185,871	-	-
20	Total delivered to other provinces and exported (14 + 15 + 16 + 17) .....	2,348,424	2,599,965	50,839	-
21	Total made available for use in Canada (13 - 18) .....	92,531,727	101,631,823	1,835,785	98,398
22	Energy used in own plant - Firm .....	...	24,449,837	721,142	-
23	Secondary .....	...	1,189,155	-	-
24	Total used in own plant (20 + 21) .....	...	25,638,992	721,142	-
25	Sales to ultimate customers:				
26	Power - Firm .....	54,198,554	35,069,069	773,370	1,854
27	Secondary .....	2,037,972	1,268,023	493	9,004
28	General service (commercial) .....	8,166,229	8,795,993	63,449	36,002
29	Domestic .....	17,410,463 <sup>r</sup>	18,890,825	177,809	39,428
30	Farm(1) .....	778,130	831,898	-	-
31	Street lighting .....	585,594	629,104	6,321	1,202
32	Total sales to ultimate customers (23 + 24 + 25 + 26 + 27 + 28) .....	83,176,942 <sup>r</sup>	65,484,912	1,021,442	87,490
33	Unallocated energy(2) .....	5,737,764 <sup>r</sup>	6,513,919	84,168	9,218
34	Distribution by non-respondents .....	3,617,021	3,994,000	9,033	1,690
35	Total disposal of energy (18 + 22 + 29 + 30 + 31) .....	94,880,151	104,231,788	1,886,624	98,398

(1) Many utilities cannot distinguish between domestic and farm, as they do not keep separate records

(2) Includes losses, unaccounted for, and cyclical billing adjustment.

(3) Amount used in own plant is included in firm and secondary power sales in 1965.



TABLE 3. Cumulative Preliminary Electric Energy Statistics  
January - October 1966

Nova Scotia	New-Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Yukon and N.W.T.	No.
thousand kwh.									
340,175	925,334	50,803,981	30,317,749	4,876,818	1,527,929	1,203,003	13,922,652	219,003	1
2,039,586	1,637,970	390,257	9,290,069	74,526	1,668,384	3,714,388	3,113,953	23,259	2
2,379,761	2,563,304	51,194,238	39,607,818	4,951,344	3,196,313	4,917,391	17,036,605	242,262	3
41,177	287,996	128,380	5,061,266	526,998	234,564	24,716	16,446	-	4
-	10,103	742	1,841,494	-	-	-	548,462	-	5
41,177	298,099	129,122	6,902,760	526,998	234,564	24,716	564,908	-	6
123,802	-	3,262,112	-	7,315	515,645	16,446	24,716	-	7
113,516	41,216	1,838,337	73,387	238,744	1,884	-	-	-	8
-	160,303	11,508	328,480	-	-	-	2,309	-	9
-	91,292	8,903	2,288,681	-	-	-	521,027	-	10
237,318	292,811	5,120,860	2,690,548	246,059	517,529	16,446	548,052	-	11
2,183,620	2,568,592	46,202,500	43,820,030	5,232,283	2,913,348	4,925,661	17,053,461	242,262	12
3,093	63,024	2,024,679	511,028	176,806	12,397	1,305	266,052	47,444	13
2,180,527	2,505,568	44,177,821	43,309,002	5,055,477	2,900,951	4,924,356	16,787,409	194,818	14

† Revised figures.

TABLE 4. Cumulative Supply and Disposal of Electric Energy  
January - August 1966

Nova Scotia	New-Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Yukon and N.W.T.	No.
thousand kwh.									
266,680	747,502	28,014,677	23,633,298	3,862,865	1,255,734	1,017,999	5,447,051	144,501	1
1,432,321	901,160	39,658	6,337,197	59,608	1,220,158	2,653,784	1,532,452	18,540	2
1,699,001	1,648,662	28,054,335	29,970,495	3,922,473	2,475,892	3,671,783	6,979,503	163,041	3
15,445	41,927	12,296,454	1,091,355	41,185	50,950	-	5,719,388	31,677	4
151,984	377,076	242,199	649,265	82	72,441	253,982	733,117	-	5
167,429	419,003	12,538,653	1,740,620	41,267	123,391	253,982	6,452,505	31,677	6
282,125	789,429	40,311,131	24,724,653	3,904,050	1,306,684	1,017,999	11,166,439	176,178	7
1,584,305	1,278,236	281,857	6,986,462	59,690	1,292,599	2,907,766	2,265,569	18,540	8
1,866,430	2,067,665	40,592,988	31,711,115	3,963,740	2,599,283	3,925,765	13,432,008	194,718	9
35,092	186,547	99,625	4,037,858	428,613	163,667	22,347	15,091	-	10
-	9,164	600	1,436,300	-	-	-	446,990	-	11
35,092	195,711	100,225	5,474,158	428,613	163,667	22,347	462,081	-	12
1,901,522	2,263,376	40,693,213	37,185,273	4,392,353	2,762,950	3,948,112	13,894,089	194,718	13
91,329	-	2,547,858	-	5,789	418,345	15,091	22,347	-	14
62,548	35,092	1,517,628	57,201	162,920	1,853	-	-	-	15
-	137,534	9,097	265,584	-	-	-	1,879	-	16
-	72,845	4,331	1,798,768	-	-	-	309,927	-	17
153,877	245,471	4,078,914	2,121,553	168,709	420,198	15,091	334,153	-	18
1,747,645	2,017,905	36,614,299	35,063,720	4,223,644	2,342,752	3,933,021	13,559,936	194,718	19
207,441	716,735	11,149,254	3,776,507	420,203	100,103	331,093	6,999,537	27,822	20
-	29,269	731,457	143,320	57,549	9,990	-	213,291	4,279	21
207,441	746,004	11,880,711	3,919,827	477,752	110,093	331,093	7,212,828	32,101	22
467,302	576,608	13,703,289	13,497,257	1,502,029	878,267	1,446,066	2,144,146	78,881	23
20,442	46,302	727,796	334,299	93,045	-	3,243	-	33,399	24
338,636	200,224	1,775,336	3,653,832	527,512	209,517	593,199	1,379,243	19,043	25
457,196	337,386	5,810,436	7,690,064	1,062,801	505,497	783,793	2,012,295	14,120	26
-	-	-	-	264,345	291,384	276,169	-	-	27
14,051	13,142	184,898	223,628	41,328	18,185	62,745	63,281	323	28
1,297,627	1,173,662	22,201,755	25,399,080	3,491,060	1,902,850	3,165,215	5,598,965	145,766	29
125,706	78,983	2,144,650	2,535,068	254,832	303,319	366,970	601,969	9,036	30
116,871	19,256	387,183	3,209,745	-	26,490	69,743	146,174	7,815	31
1,901,522	2,263,376	40,693,213	37,185,273	4,392,353	2,762,950	3,948,112	13,894,089	194,718	32

.. Figures not appropriate or not applicable.

† Revised figures.

TABLE 5. Supply of Electric Energy  
January - October 1966

Month	Total net generation	Imports from United States	Exports to United States	Net energy made available in Canada	Secondary energy used in Canada	Firm energy made available in Canada	Daily average, total net generation
thousand kwh.							
January .....	13,966,466	245,055	311,392	13,900,129	330,769	13,569,360	450,531
February .....	12,612,938	213,019	278,318	12,547,639	325,415	12,222,224	450,462
March .....	13,596,765	215,900	304,959	13,507,706	362,178	13,145,528	438,605
April .....	12,572,808	176,750	309,433	12,440,125	283,278	12,156,847	419,094
May .....	12,817,093	191,092	327,780	12,680,405	264,119	12,416,286	413,455
June .....	12,261,412	223,435	349,640	12,135,207	247,069	11,888,138	408,714
July .....	11,827,215	312,122	329,833	11,809,504	221,325	11,558,179	381,523
August .....	12,684,152 <sup>r</sup>	315,681	388,610	12,611,223 <sup>r</sup>	423,545 <sup>r</sup>	12,187,678 <sup>r</sup>	409,166 <sup>r</sup>
September .....	12,625,775	220,995	392,523	12,454,247	362,911	12,091,336	420,859
October .....	13,619,312	286,752	420,015	13,486,049	407,856	13,078,193	439,333
November .....							
December .....							
Year .....							

<sup>r</sup> Revised figures.

TABLE 6. Sales of Electric Energy to Ultimate Customers  
January - August 1966

Year and month	Domestic	Farm(1)	General service (commercial)	Firm power(2)	Secondary power(2)	Total power(2)	Street lighting	Total sales to ultimate customers
thousand kwh.								
1964 .....	23,934,160	945,237	11,082,698	76,994,091	3,415,366	80,409,457	835,158	117,206,710
1965 .....	25,795,091	1,092,482	12,398,338	82,854,369	3,809,402	86,663,771	917,637	126,867,319
1966 - January .....	2,734,290	98,297	1,223,072	7,430,921	330,769	7,761,690	91,436	11,908,785
February .....	2,752,889	130,008	1,204,162	6,995,997	325,415	7,321,412	85,192	11,493,663
March .....	2,661,065	125,056	1,166,203	7,493,123	362,178	7,855,301	82,066	11,889,691
April .....	2,495,740	115,033	1,152,311	7,429,511	283,278	7,712,789	78,366	11,554,239
May .....	2,300,705	105,414	1,071,759	7,623,134	264,119	7,887,253	74,375	11,439,506
June .....	2,152,058	91,373	1,085,142	7,479,711	247,069	7,726,780	69,662	11,125,015
July .....	1,976,531	83,939	1,028,990	7,377,258	221,325	7,598,583	71,512	10,759,555
August .....	1,817,547	82,778	1,019,842	7,533,358	423,545 <sup>r</sup>	7,956,903	76,495	10,953,565
September .....								
October .....								
November .....								
December .....								
Year .....								

(1) Many utilities cannot distinguish between domestic and farm, as they do not keep separate records.

(2) Includes sales to industrial establishments with generating facilities.

<sup>r</sup> Revised figure.

TABLE 7. Net Generation, 1961-66

CANADA

Year and month	Utilities			Industry			Grand total
	Hydro	Thermal	Total	Hydro	Thermal	Total	
thousand kwh.							
1961 .....	82,014,614	7,049,079	89,063,693	21,660,132	2,497,588	24,157,720	113,221,413
1962 .....	80,861,406	10,781,660	91,643,066	22,789,817	2,570,288	25,360,105	117,003,171
1963 .....	80,214,421	15,428,726	95,643,147	23,102,958	2,811,630	25,914,588	121,557,735
1964 .....	84,888,835	17,588,035	102,476,870	28,336,790	3,478,537	31,815,327	134,292,197
1965 .....	87,490,735	22,572,614	110,063,349	29,219,645	3,877,684	33,097,329	143,160,678
1966 - January .....	8,617,208	2,413,701	11,030,909	2,603,539	332,018	2,935,557	13,966,466
February .....	7,774,154	2,139,397	9,913,551	2,385,020	314,367	2,699,387	12,612,938
March .....	8,657,761	2,073,002	10,730,763	2,519,641	346,361	2,866,002	13,596,765
April .....	8,179,134	1,710,804	9,889,938	2,376,509	306,361	2,682,870	12,572,808
May .....	8,596,917	1,484,828	10,081,745	2,430,858	304,490	2,735,348	12,817,093
June .....	8,223,073	1,387,164	9,610,237	2,343,914	307,261	2,651,175	12,261,412
July .....	7,712,867	1,461,117	9,173,984	2,361,749	291,482	2,653,231	11,827,215
August .....	8,044,707 <sup>r</sup>	1,735,279 <sup>r</sup>	9,779,986 <sup>r</sup>	2,584,192 <sup>r</sup>	319,974	2,904,166 <sup>r</sup>	12,684,152 <sup>r</sup>
September .....	7,426,216	2,308,549	9,734,765	2,611,672	279,338	2,891,010	12,625,775
October .....	7,950,597	2,457,093	10,407,690	2,896,725	314,897	3,211,622	13,619,312
November .....							
December .....							

<sup>r</sup> Revised figures.







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## ELECTRIC POWER STATISTICS

NOVEMBER 1966

Table 1 of this report contains preliminary statistics on energy generation, imports, exports and secondary for the month of November 1966. These preliminary statistics indicate that net generation increased 9.0 per cent to 14,161,637 thousand kwh. in November 1966 from 12,986,712<sup>F</sup> thousand kwh. generated one year ago.

Imports increased to 281,921 thousand kwh. from 246,926 thousand kwh. and exports increased to 457,238 thousand kwh. from 299,020 thousand kwh. in November 1965.

Table 2 shows detailed data concerning the amount of energy made available and the disposition of this energy for the month of September 1966. These figures include a breakdown of sales by rate categories for large utilities and industries while distribution by smaller utilities and industries is included in "distribution by non-respondents" (item 31). Distribution by non-respondents is the energy which is delivered by companies which report in this survey to companies which do not report. Consumption of own generation by industrial establishments is included in "used in own plant" (items 20 and 21). Comparable September 1965 data is shown for all categories where available.

Tables 5, 6 and 7 give final data for months January to September 1966 and preliminary data for other months. In Table 5, secondary energy includes both that used in own plant and that sold to ultimate customers. In September, of the 387,917<sup>F</sup> thousand kwh. of secondary energy, 196,305 thousand kwh. was used in own plant, while 191,612 thousand kwh. was sold to ultimate customers.

Total generation for the twelve-month period ending November 30, 1966 amounted to 156,147,229 thousand kwh. compared to 154,972,304<sup>F</sup> for the period ending in October.

Monthly electric power statistics are designed to provide current information on the production and consumption of electric energy in Canada. In order to expedite the collection and compilation of returns, the series is confined to firms which generate a minimum of 10 million kwh. per annum and to large distributors of electric energy. These firms accounted for 99.5 per cent of total production in 1964

In the electric power series, net generation is defined as total generation less the amount used in station service.

Industry Division

January 1967  
6503-513

TABLE 1. Preliminary Electric Energy Statistics

November 1966

No.		Canada 1965	Canada	Newfound- land	Prince Edward Island
			thousand kwh.		
1	Net generation - Hydro .....	10,677,299	11,475,506	215,037	-
2	Thermal .....	2,309,413 <sup>r</sup>	2,686,131	28,040	14,630
3	Total net generation (1 + 2) .....	12,986,712 <sup>r</sup>	14,161,637	243,077	14,630
	Energy received from other provinces and imported:				
4	Received from other provinces .....	...	...	-	-
5	Imported from United States .....	246,926	281,921	-	-
6	Total received from other provinces and imported (4 + 5) .....	246,926	281,921	-	-
	Energy delivered to other provinces and exported:				
7	Delivered to other provinces - Firm .....	...	...	5,253	-
8	Secondary .....	...	...	2,793	-
9	Exported to United States - Firm .....	52,163	56,551	-	-
10	Secondary .....	246,857	400,687	-	-
11	Total delivered to other provinces and exported (7 + 8 + 9 + 10) .....	299,020	457,238	8,046	-
12	Total made available for use in Canada (3 + 6 - 11) ....	12,934,618 <sup>r</sup>	13,986,320	235,031	14,630
13	Secondary energy used in Canada(1) .....	473,197 <sup>r</sup>	408,940	-	-
14	Firm energy made available for use in Canada (12 - 13) .....	12,461,421 <sup>r</sup>	13,577,380	235,031	14,630

(1) Includes secondary energy used in own plant and sold to ultimate customers.

TABLE 2. Supply and Disposal of Electric Energy

September 1966

No.		Canada 1965	Canada	Newfound- land	Prince Edward Island
			thousand kwh.		
	<u>Supply of electric energy</u>				
	Net generation:				
1	Utilities - Hydro .....	6,827,250	7,426,347 <sup>r</sup>	162,724	-
2	Thermal .....	1,925,476	2,308,549	22,061	12,255
3	Totals (1 + 2) .....	8,752,726	9,734,896 <sup>r</sup>	184,785	12,255
4	Industry - Hydro .....	2,500,685	2,601,678 <sup>r</sup>	39,736	-
5	Thermal .....	324,692 <sup>r</sup>	289,332 <sup>r</sup>	5,666	-
6	Totals (4 + 5) .....	2,825,377 <sup>r</sup>	2,891,010	45,402	-
7	Grand total - Hydro (1 + 4) .....	9,327,935	10,028,025 <sup>r</sup>	202,460	-
8	Thermal (2 + 5) .....	2,250,168 <sup>r</sup>	2,597,881 <sup>r</sup>	27,727	12,255
9	Total net generation (7 + 8) .....	11,578,103 <sup>r</sup>	12,625,906 <sup>r</sup>	230,187	12,255
	Energy received from other provinces and imported:				
10	Received from other provinces .....	...	...	-	-
11	Imported from United States .....	293,685	220,995	-	-
12	Total received from other provinces and imported (10 + 11) .....	293,685	220,995	-	-
13	Total supply of energy (9 + 12) .....	11,871,788 <sup>r</sup>	12,846,901	230,187	12,255
	<u>Disposal of electric energy</u>				
	Energy delivered to other provinces and exported:				
14	Delivered to other provinces - Firm .....	...	...	4,758	-
15	Secondary .....	...	...	1,742	-
16	Exported to United States - Firm .....	44,054	39,401	-	-
17	Secondary .....	270,067	353,122	-	-
18	Total delivered to other provinces and exported (14 + 15 + 16 + 17) .....	314,121	392,523	6,500	-
19	Total made available for use in Canada (13 - 18) ...	11,557,667	12,454,378	223,687	12,255
20	Energy used in own plant - Firm .....	...(3)	2,992,731	84,894	-
21	Secondary .....	...(3)	196,305	-	-
22	Total used in own plant (20 + 21) .....	...(3)	3,189,036	84,894	-
	Sales to ultimate customers:				
23	Power - Firm .....	6,810,676 <sup>r</sup>	4,493,543	103,966	213
24	Secondary .....	364,609 <sup>r</sup>	191,612 <sup>r</sup>	-	1,669 <sup>r</sup>
25	General service (commercial) .....	955,296	1,052,264	7,582	4,736
26	Domestic .....	1,760,779 <sup>r</sup>	1,924,228	19,252	5,068
27	Farm(1) .....	71,902	78,908	-	-
28	Street lighting .....	73,311	81,861	867	150
29	Total sales to ultimate customers (23 + 24 + 25 + 26 + 27 + 28) .....	10,036,633 <sup>r</sup>	7,822,416	131,667	11,836
30	Unallocated energy(2) .....	1,052,732 <sup>r</sup>	978,022	5,300	147
31	Distribution by non-respondents .....	468,302	464,904	1,826	272
32	Total disposal of energy (18 + 22 + 29 + 30 + 31) .....	11,871,788 <sup>r</sup>	12,846,901	230,187	12,255

(1) Many utilities cannot distinguish between domestic and farm, as they do not keep separate records

(2) Includes losses, unaccounted for, and cyclical billing adjustment.

(3) Amount used in own plant is included in firm and secondary power sales in 1965.



TABLE 1. Preliminary Electric Energy Statistics

November 1966

Nova Scotia	New- Brunswick	Quebec	Ontario	Manitoba	Saskat- chewan	Alberta	British Columbia	Yukon and N.W.T.	No.
thousand kwh.									
46,301	141,733	5,607,675	3,223,194	557,950	80,619	111,476	1,466,659	24,862	1
181,585	171,350	58,119	1,067,252	8,525	267,196	451,411	435,088	2,935	2
227,886	313,083	5,665,794	4,290,446	566,475	347,815	562,887	1,901,747	27,797	3
8,906	9,735	21,852	564,606	47,056	35,881	108	957	-	4
-	877	76	212,163	-	-	-	68,805	-	5
8,906	10,612	21,928	776,769	47,056	35,881	108	69,762	-	6
-	-	318,937	-	1,167	46,548	957	108	-	7
4,784	8,906	248,465	14,303	36,869	11	-	-	-	8
-	23,226	1,326	31,766	-	-	-	233	-	9
-	7,076	919	264,840	-	-	-	127,852	-	10
4,784	39,208	569,647	310,909	38,036	46,559	957	128,193	-	11
232,008	284,487	5,118,075	4,756,306	575,495	337,137	562,038	1,843,316	27,797	12
-	590	329,843	25,233	21,086	1,000	-	30,134	1,054	13
232,008	283,897	4,788,232	4,731,073	554,409	336,137	562,038	1,813,182	26,743	14

† Revised figures. ... Figures not appropriate or not applicable.

TABLE 2. Supply and Disposal of Electric Energy

September 1966

Nova Scotia	New- Brunswick	Quebec	Ontario	Manitoba	Saskat- chewan	Alberta	British Columbia	Yukon and N.W.T.	No.
thousand kwh.									
20,533	32,759	3,415,002	2,549,722	456,932	113,788	90,855	568,125 <sup>†</sup>	15,907	1
224,267	133,161	31,714	1,032,117	2,839	159,936	350,337	337,636	2,226	2
244,800	165,920	3,446,716	3,581,839	459,771	273,724	441,192	905,761 <sup>†</sup>	18,133	3
82	2,211 <sup>†</sup>	1,658,272	133,287	4,359	6,210	-	753,561	3,960	4
15,385	48,467 <sup>†</sup>	30,352	70,413	13	10,528	31,032	77,476	-	5
15,467	50,678	1,688,624	203,700	4,372	16,738	31,032	831,037	3,960	6
20,615	34,970 <sup>†</sup>	5,073,274	2,683,009	461,291	119,998	90,855	1,321,686 <sup>†</sup>	19,867	7
239,652	181,628 <sup>†</sup>	62,066	1,102,530	2,852	170,464	381,369	415,112	2,226	8
260,267	216,598	5,135,340	3,785,539	464,143	290,462	472,224	1,736,798 <sup>†</sup>	22,093	9
-	60,559	10,292 <sup>†</sup>	504,152	48,655	33,409	2,272	-	-	10
-	518	68	182,036	-	-	-	38,373	-	11
-	61,077	10,360 <sup>†</sup>	686,188	48,655	33,409	2,272	38,373	-	12
260,267	277,675	5,145,700	4,471,727	512,798	323,871	474,496	1,775,171	22,093	13
17,272	-	331,070	-	707	47,994	-	2,272	-	14
32,908	39	182,825	4,390 <sup>†</sup>	33,338	24	-	-	-	15
-	8,069	1,144	29,980	-	-	-	208	-	16
-	7,375	2,634	242,897	-	-	-	100,216	-	17
50,180	15,483	517,673	277,267 <sup>†</sup>	34,045	48,018	-	102,696	-	18
210,087	262,192	4,628,027	4,194,460	478,753	275,853	474,496	1,672,475	22,093	19
22,017	83,184	1,371,292	456,342	48,549	13,055	40,878	869,106	3,414	20
-	10,775	151,112	9,719	1,332	1,163	-	21,655	549	21
22,017	93,959	1,522,404	466,061	49,881	14,218	40,878	890,761	3,963	22
53,693	86,323	1,790,516	1,693,670	185,667	104,830	178,492	287,247	8,926	23
6,689 <sup>†</sup>	6,472 <sup>†</sup>	125,693	40,234 <sup>†</sup>	7,462 <sup>†</sup>	-	467 <sup>†</sup>	-	2,926 <sup>†</sup>	24
39,064	23,870	199,394	449,798	57,275	24,955	77,733	164,686	3,171	25
44,780	38,828	582,929	783,551	108,192	48,853	76,753	214,074	1,948	26
-	-	-	-	23,934	27,498	27,476	-	-	27
2,527	1,714	24,084	28,215	5,576	1,783	8,461	8,437	47	28
146,753	157,207	2,722,616	2,995,468	388,106	207,919	369,382	674,444	17,018	29
27,280	7,942	337,513	348,592	40,766	50,782	56,684	102,838	178	30
14,037	3,084	45,494	384,339	-	2,934	7,552	4,432	934	31
260,267	277,675	5,145,700	4,471,727	512,798	323,871	474,496	1,775,171	22,093	32

† Revised figures.

... Figures not appropriate or not applicable.

TABLE 3. Cumulative Preliminary Electric Energy Statistics  
January - November 1966

No.		Canada 1965	Canada	Newfound- land	Prince Edward Island
			thousand kwh.		
1	Net generation - Hydro .....	105,606,425	117,769,929	2,372,816	-
	Thermal .....	23,879,553	24,973,126	238,198	139,075
3	Total net generation (1 + 2) .....	129,485,978	142,743,055	2,611,014	139,075
	Energy received from other provinces and imported:				
4	Received from other provinces .....	...	...	-	-
5	Imported from United States .....	3,347,025	2,682,722	-	-
6	Total received from other provinces and imported (4 + 5) .....	3,347,025	2,682,722	-	-
	Energy delivered to other provinces and exported:				
7	Delivered to other provinces - Firm .....	...	...	52,654	-
8	Secondary .....	...	...	19,815	-
9	Exported to United States - Firm .....	585,831	559,151	-	-
10	Secondary .....	2,685,344	3,310,590	-	-
11	Total delivered to other provinces and exported (7 + 8 + 9 + 10) .....	3,271,175	3,869,741	72,469	-
12	Total made available for use in Canada (3 + 6 - 11) ....	129,561,828	141,556,036	2,538,545	139,075
13	Secondary energy used in Canada(1) .....	3,366,532	3,519,214	493	3,953
14	Firm energy made available for use in Canada (12 - 13) .....	126,195,296	138,036,822	2,538,052	135,122

(1) Includes secondary energy used in own plant and sold to ultimate customers.

TABLE 4. Cumulative Supply and Disposal of Electric Energy  
January - September 1966

No.		Canada 1965	Canada	Newfound- land	Prince Edward Island
			thousand kwh.		
	<u>Supply of electric energy</u>				
	Net generation:				
1	Utilities - Hydro .....	63,059,779	73,232,168	1,578,238	-
2	Thermal .....	16,665,625	16,713,841	134,077	110,653
3	Totals (1 + 2) .....	79,725,404	89,946,009	1,712,315	110,653
4	Industry - Hydro .....	21,308,954	22,207,474	357,151	-
5	Thermal .....	2,897,160	2,811,157	47,345	-
6	Totals (4 + 5) .....	24,206,114	25,018,631	404,496	-
7	Grand total - Hydro (1 + 4) .....	84,368,733	95,439,642	1,935,389	-
8	Thermal (2 + 5) .....	19,562,785	19,524,998	181,422	110,653
9	Total net generation (7 + 8) .....	103,931,518	114,964,640	2,116,811	110,653
	Energy received from other provinces and imported:				
10	Received from other provinces .....	...	...	-	-
11	Imported from United States .....	2,820,099	2,114,049	-	-
12	Total received from other provinces and imported (10 + 11) .....	2,820,099	2,114,049	-	-
13	Total supply of energy (9 + 12) .....	106,751,617	117,078,689	2,116,811	110,653
	<u>Disposal of electric energy</u>				
	Energy delivered to other provinces and exported:				
14	Delivered to other provinces - Firm .....	...	...	38,598	-
15	Secondary .....	...	...	18,741	-
16	Exported to United States - Firm .....	481,543 <sup>F</sup>	453,495	-	-
17	Secondary .....	2,181,002 <sup>F</sup>	2,538,993	-	-
18	Total delivered to other provinces and exported (14 + 15 + 16 + 17) .....	2,662,545	2,992,488	57,339	-
19	Total made available for use in Canada (13 - 18) ...	104,089,072	114,086,201	2,059,472	110,653
20	Energy used in own plant - Firm .....	...	27,442,568	806,036	-
21	Secondary .....	...	1,385,460	-	-
22	Total used in own plant (20 + 21) .....	...	28,828,028	806,036	-
	Sales to ultimate customers:				
23	Power - Firm .....	61,024,708	39,562,612	877,336	2,067
24	Secondary .....	2,386,781	1,459,635	493	10,673
25	General service (commercial) .....	9,121,525	9,848,257	71,031	40,738
26	Domestic .....	19,171,242 <sup>F</sup>	20,815,053	197,061	44,496
27	Farm(1) .....	850,092	910,806	-	-
28	Street lighting .....	658,905	710,965	7,188	1,352
29	Total sales to ultimate customers (23 + 24 + 25 + 26 + 27 + 28) .....	93,213,253 <sup>F</sup>	73,307,328	1,153,109	99,326
30	Unallocated energy(2) .....	6,790,496 <sup>F</sup>	7,491,941	89,468	9,365
31	Distribution by non-respondents .....	4,085,323	4,458,904	10,859	1,962
32	Total disposal of energy (18 + 22 + 29 + 30 + 31) .....	106,751,617	117,078,689	2,116,811	110,653

(1) Many utilities cannot distinguish between domestic and farm, as they do not keep separate records

(2) Includes losses, unaccounted for, and cyclical billing adjustment.

(3) Amount used in own plant is included in firm and secondary power sales in 1965.

TABLE 3. Cumulative Preliminary Electric Energy Statistics  
January - November 1966

Nova Scotia	New-Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Yukon and N.W.T.	No.
thousand kwh.									
386,476	1,067,067	56,411,656	33,540,943	5,434,768	1,608,548	1,314,479	15,389,311	243,865	1
2,221,171	1,809,320	448,376	10,357,321	83,051	1,935,580	4,165,799	3,549,041	26,194	2
2,607,647	2,876,387	56,860,032	43,898,264	5,517,819	3,544,128	5,480,278	18,938,352	270,059	3
50,083	297,731	150,230 <sup>r</sup>	5,625,872	574,054	270,445	24,824	17,403	-	4
-	10,980	818	2,053,657	-	-	-	617,267	-	5
50,083	308,711	151,048 <sup>r</sup>	7,679,529	574,054	270,445	24,824	634,670	-	6
123,802	-	3,581,049	-	8,482	562,193	17,403	24,824	-	7
118,300	50,122	2,086,802	87,688 <sup>r</sup>	275,613	1,895	-	-	-	8
-	183,529	12,834	360,246	-	-	-	2,542	-	9
-	98,368	9,822	2,553,521	-	-	-	648,879	-	10
242,102	332,019	5,690,507	3,001,455 <sup>r</sup>	284,095	564,088	17,403	676,245	-	11
2,415,628	2,853,079	51,320,573 <sup>r</sup>	48,576,338 <sup>r</sup>	5,807,778	3,250,485	5,487,699	18,896,777	270,059	12
3,093	63,614	2,354,522	536,261	197,892	13,397	1,305	296,186	48,498	13
2,412,535	2,789,465	48,966,051 <sup>r</sup>	48,040,077 <sup>r</sup>	5,609,886	3,237,088	5,486,394	18,600,591	221,561	14

<sup>r</sup> Revised figures. ... Figures not appropriate or not applicable.

TABLE 4. Cumulative Supply and Disposal of Electric Energy  
January - September 1966

Nova Scotia	New-Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Yukon and N.W.T.	No.
thousand kwh.									
287,213	780,261	31,429,679	26,183,020	4,319,797	1,369,522	1,108,854	6,015,176	160,408	1
1,656,588	1,034,321	71,372	7,369,314	62,447	1,380,094	3,004,121	1,870,088	20,766	2
1,943,801	1,814,582	31,501,051	33,552,334	4,382,244	2,749,616	4,112,975	7,885,264	181,174	3
15,527	44,138	13,954,726	1,224,642	45,544	57,160	-	6,472,949	35,637	4
167,369	425,543	272,551	719,678	95	82,969	285,014	810,593	-	5
182,896	469,681	14,227,277	1,944,320	45,639	140,129	285,014	7,283,542	35,637	6
302,740	824,399	45,384,405	27,407,662	4,365,341	1,426,682	1,108,854	12,488,125	196,045	7
1,823,957	1,459,864	343,923	8,088,992	62,542	1,463,063	3,289,135	2,680,681	20,766	8
2,126,697	2,284,263	45,728,328	35,496,654	4,427,883	2,889,745	4,397,989	15,168,806	216,811	9
35,092	247,106	109,917	4,542,010	477,268	197,076	24,619	15,091	-	10
-	9,682	668	1,618,336	-	-	-	485,363	-	11
35,092	256,788	110,585	6,160,346	477,268	197,076	24,619	500,454	-	12
2,161,789	2,541,051	45,838,913	41,657,000	4,905,151	3,086,821	4,422,608	15,669,260	216,811	13
108,601	-	2,878,928	-	6,496	466,339	15,091	24,619	-	14
95,456	35,131	1,700,453	61,591	196,258	1,877	-	-	-	15
-	145,603	10,241	295,564	-	-	-	2,087	-	16
-	80,220	6,965	2,041,665	-	-	-	410,143	-	17
204,057	260,954	4,596,587	2,398,820	202,754	468,216	15,091	436,849	-	18
1,957,732	2,280,097	41,242,326	39,258,180	4,702,397	2,618,605	4,407,517	15,232,411	216,811	19
229,458	799,919	12,520,546	4,232,849	468,752	113,158	371,971	7,868,643	31,236	20
-	40,044	882,569	153,039	58,881	11,153	-	234,946	4,828	21
229,458	839,963	13,403,115	4,385,888	527,633	124,311	371,971	8,103,589	36,064	22
520,995	662,931	15,493,805	15,190,927	1,687,696	983,097	1,624,558	2,431,393	87,807	23
27,131	52,774	853,489	374,533	100,507	-	3,710	-	36,325	24
377,700	224,094	1,974,730	4,103,630	584,787	234,472	670,932	1,543,929	22,214	25
501,976	376,214	6,393,365	8,473,615	1,170,993	554,350	860,546	2,226,369	16,068	26
-	-	-	-	288,279	318,882	303,645	-	-	27
16,578	14,856	208,982	251,843	46,904	19,968	71,206	71,718	370	28
1,444,380	1,330,869	24,924,371	28,394,548	3,879,166	2,110,769	3,534,597	6,273,409	162,784	29
152,986	86,925	2,482,163	2,883,660	295,598	354,101	423,654	704,807	9,214	30
130,908	22,340	432,677	3,594,084	-	29,424	77,295	150,606	8,749	31
2,161,789	2,541,051	45,838,913	41,657,000	4,905,151	3,086,821	4,422,608	15,669,260	216,811	32

<sup>r</sup> Revised figures.  
... Figures not appropriate or not applicable.



TABLE 5. Supply of Electric Energy  
January - November 1966

Month	Total net generation	Imports from United States	Exports to United States	Net energy made available in Canada	Secondary energy used in Canada	Firm energy made available in Canada	Daily average, total net generation
thousand kwh.							
January .....	13,966,466	245,055	311,392	13,900,129	330,769	13,569,360	450,531
February .....	12,612,938	213,019	278,318	12,547,639	325,415	12,222,224	450,462
March .....	13,596,765	215,900	304,959	13,507,706	362,178	13,145,528	438,605
April .....	12,572,808	176,750	309,433	12,440,125	283,278	12,156,847	419,094
May .....	12,817,093	191,092	327,780	12,680,405	264,119	12,416,286	413,455
June .....	12,261,412	223,435	349,640	12,135,207	247,069	11,888,138	408,714
July .....	11,827,215	312,122	329,833	11,809,504	221,325	11,558,179	381,523
August .....	12,684,152 <sup>r</sup>	315,681	388,610	12,611,223 <sup>r</sup>	423,545 <sup>r</sup>	12,187,678 <sup>r</sup>	409,166 <sup>r</sup>
September .....	12,625,906 <sup>r</sup>	220,995	392,523	12,454,378 <sup>r</sup>	387,917 <sup>r</sup>	12,066,461 <sup>r</sup>	420,864 <sup>r</sup>
October .....	13,619,312	286,752	420,015	13,486,049	407,856	13,078,193	439,333
November .....	14,161,637	281,921	457,238	13,986,320	408,940	13,577,380	472,055
December .....							
Year .....							

<sup>r</sup> Revised figures.

TABLE 6. Sales of Electric Energy to Ultimate Customers  
January - September 1966

Year and month	Domestic	Farm(1)	General service (commercial)	Firm power(2)	Secondary power(2)	Total power(2)	Street lighting	Total sales to ultimate customers
thousand kwh.								
1964 .....	23,934,160	945,237	11,082,698	76,994,091	3,415,366	80,409,457	835,158	117,206,710
1965 .....	25,795,091	1,092,482	12,398,338	82,854,369	3,809,402	86,663,771	917,637	126,867,319
1966 - January .....	2,734,290	98,297	1,223,072	7,430,921	330,769	7,761,690	91,436	11,908,785
February .....	2,752,889	130,008	1,204,162	6,995,997	325,415	7,321,412	85,192	11,493,663
March .....	2,661,065	125,056	1,166,203	7,493,123	362,178	7,855,301	82,066	11,889,691
April .....	2,495,740	115,033	1,152,311	7,429,511	283,278	7,712,789	78,366	11,554,239
May .....	2,300,705	105,414	1,071,759	7,623,134	264,119	7,887,253	74,375	11,439,506
June .....	2,152,058	91,373	1,085,142	7,479,711	247,069	7,726,780	69,662	11,125,015
July .....	1,976,531	83,939	1,028,990	7,377,258	221,325	7,598,583	71,512	10,759,555
August .....	1,817,547	82,778	1,019,842	7,533,358	423,545 <sup>r</sup>	7,956,903	76,495	10,953,565
September .....	1,924,228	78,908	1,052,264	7,486,274	387,917 <sup>r</sup>	7,874,191	81,801	11,011,452
October .....								
November .....								
December .....								
Year .....								

(1) Many utilities cannot distinguish between domestic and farm, as they do not keep separate records.

(2) Includes sales to industrial establishments with generating facilities.

<sup>r</sup> Revised figure.

TABLE 7. Net Generation, 1961-66

CANADA

Year and month	Utilities			Industry			Grand total
	Hydro	Thermal	Total	Hydro	Thermal	Total	
thousand kwh.							
1961 .....	82,014,614	7,049,079	89,063,693	21,660,132	2,497,588	24,157,720	113,221,413
1962 .....	80,861,406	10,781,660	91,643,066	22,789,817	2,570,288	25,360,105	117,003,171
1963 .....	80,214,421	15,428,726	95,643,147	23,102,958	2,811,630	25,914,588	121,557,735
1964 .....	81,888,833	17,588,035	102,476,870	28,336,790	3,478,537	31,815,327	134,292,197
1965 .....	87,490,735	22,572,614	110,063,349	29,219,645	3,877,684	33,097,329	143,160,678
1966 - January .....	8,617,208	2,413,701	11,030,909	2,603,539	332,018	2,935,557	13,966,466
February .....	7,774,154	2,139,397	9,913,551	2,385,020	314,367	2,699,387	12,612,938
March .....	8,657,761	2,073,002	10,730,763	2,519,641	346,361	2,866,002	13,596,765
April .....	8,179,134	1,710,804	9,889,938	2,376,509	306,361	2,682,870	12,572,808
May .....	8,596,917	1,484,828	10,081,745	2,430,858	304,490	2,735,348	12,817,093
June .....	8,223,073	1,387,164	9,610,237	2,343,914	307,261	2,651,175	12,261,412
July .....	7,712,867	1,461,117	9,173,984	2,361,749	291,482	2,653,231	11,827,215
August .....	8,044,707 <sup>r</sup>	1,735,279 <sup>r</sup>	9,779,986 <sup>r</sup>	2,584,192 <sup>r</sup>	319,974	2,904,166 <sup>r</sup>	12,684,152 <sup>r</sup>
September .....	7,426,347 <sup>r</sup>	2,308,549	9,734,896 <sup>r</sup>	2,601,678 <sup>r</sup>	289,332 <sup>r</sup>	2,891,010	12,625,906 <sup>r</sup>
October .....	7,950,597	2,457,093	10,407,690	2,896,725	314,897	3,211,622	13,619,312
November .....	8,650,390	2,367,968	11,018,358	2,825,116	318,163	3,143,279	14,161,637
December .....							

<sup>r</sup> Revised figures.







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## ELECTRIC POWER STATISTICS

DECEMBER 1966

Table 1 of this report contains preliminary statistics on energy generation, imports, exports and secondary for the month of December 1966. These preliminary statistics indicate that net generation increased 9.2 per cent to 14,937,519 thousand kwh. in December 1966 from 13,675,007<sup>r</sup> thousand kwh. generated one year ago.

Imports increased to 374,593 thousand kwh. from 230,614 thousand kwh. and exports increased to 439,756 thousand kwh. from 299,057 thousand kwh. in December 1965.

Table 2 shows detailed data concerning the amount of energy made available and the disposition of this energy for the month of October 1966. These figures include a breakdown of sales by rate categories for large utilities and industries while distribution by smaller utilities and industries is included in "distribution by non-respondents" (item 31). Distribution by non-respondents is the energy which is delivered by companies which report in this survey to companies which do not report. Consumption of own generation by industrial establishments is included in "used in own plant" (item 20 and 21). Comparable October 1965 data is shown for all categories where available.

Tables 5, 6 and 7 give final data for the months January to October 1966 and preliminary data for other months. In Table 5, secondary energy includes both that used in own plant and that sold to ultimate customers. In October of the 420,875<sup>r</sup> thousand kwh. of secondary energy, 234,511 thousand kwh. was used in own plant, while 186,364 thousand kwh. was sold to ultimate customers.

Total generation for the twelve-months period ending December 31, 1966 amounted to 157,683,108 thousand kwh. compared to 156,420,596<sup>r</sup> thousand kwh. for the period ending in November.

Monthly electric power statistics are designed to provide current information on the production and consumption of electric energy in Canada. In order to expedite the collection and compilation of returns, the series is confined to firms which generate a minimum of 10 million kwh. per annum and to large distributors of electric energy. These firms accounted for 99.5 per cent of total production in 1964.

In the electric power series, net generation is defined as total generation less the amount used in station service.

Industry Division

February 1967  
6503-513

TABLE 1. Preliminary Electric Energy Statistics

December 1966

No.		Canada 1965	Canada	Newfound- land	Prince Edward Island
			thousand kwh.		
1	Net generation - Hydro .....	11,103,955	12,301,455	220,659	-
2	Thermal .....	2,571,052 <sup>F</sup>	2,636,064	23,632	16,092
3	Total net generation (1 + 2) .....	13,675,007 <sup>F</sup>	14,937,519	244,291	16,092
	Energy received from other provinces and imported:				
4	Received from other provinces .....	...	...	-	-
5	Imported from United States .....	230,614	374,593	-	-
6	Total received from other provinces and imported (4 + 5) .....	230,614	374,593	-	-
	Energy delivered to other provinces and exported:				
7	Delivered to other provinces - Firm .....	...	...	5,386	-
8	Secondary .....	...	...	2,721	-
9	Exported to United States - Firm .....	48,860	54,718	-	-
10	Secondary .....	250,197	385,038	-	-
11	Total delivered to other provinces and exported (7 + 8 + 9 + 10) .....	299,057	439,756	8,107	-
12	Total made available for use in Canada (3 + 6 - 11) ....	13,606,564 <sup>F</sup>	14,872,356	236,184	16,092
13	Secondary energy used in Canada(1) .....	469,021	449,408	432	-
1.	Firm energy made available for use in Canada (12 - 13) .....	13,137,543 <sup>F</sup>	14,422,948	235,752	16,092

(1) Includes secondary energy used in own plant and sold to ultimate customers.

TABLE 2. Supply and Disposal of Electric Energy

October 1966

No.		Canada 1965	Canada	Newfound- land	Prince Edward Island
			thousand kwh.		
	<u>Supply of electric energy</u>				
	Net generation:				
1	Utilities - Hydro .....	7,978,870	7,950,597	181,847	-
2	Thermal .....	1,680,818	2,457,093	22,917	13,792
3	Totals (1 + 2) .....	9,659,688	10,407,690	204,764	13,792
4	Industry - Hydro .....	2,581,523	2,896,725	40,543	-
5	Thermal .....	327,314 <sup>F</sup>	314,897	5,819	-
6	Totals (4 + 5) .....	2,908,837 <sup>F</sup>	3,211,622	46,362	-
7	Grand total - Hydro (1 + 4) .....	10,560,393	10,847,322	222,390	-
8	Thermal (2 + 5) .....	2,008,132 <sup>F</sup>	2,771,990	28,736	13,792
9	Total net generation (7 + 8) .....	12,568,525 <sup>F</sup>	13,619,312	251,126	13,792
	Energy received from other provinces and imported:				
10	Received from other provinces .....	...	...	-	-
11	Imported from United States .....	280,000	286,752	-	-
12	Total received from other provinces and imported (10 + 11) .....	280,000	286,752	-	-
13	Total supply of energy (9 + 12) .....	12,848,525 <sup>F</sup>	13,906,064	251,126	13,792
	<u>Disposal of electric energy</u>				
	Energy delivered to other provinces and exported:				
14	Delivered to other provinces - Firm .....	...	...	5,275	-
15	Secondary .....	...	...	1,809	-
16	Exported to United States - Firm .....	52,125	49,105	-	-
17	Secondary .....	257,485	370,910	-	-
18	Total delivered to other provinces and exported (14 + 15 + 16 + 17) .....	309,610	420,015	7,084	-
19	Total made available for use in Canada (13 - 18) ...	12,538,915	13,486,049	244,042	13,792
20	Energy used in own plant - Firm .....	...(3)	3,195,822	89,630	-
21	Secondary .....	...(3)	234,511	-	-
22	Total used in own plant (20 + 21) .....	...(3)	3,430,333	89,630	-
	Sales to ultimate customers:				
23	Power - Firm .....	7,134,031	4,615,451	113,013	212
24	Secondary .....	545,371	186,364 <sup>F</sup>	-	1,626 <sup>F</sup>
25	General service (commercial) .....	1,044,699	1,101,765	7,963	4,606
26	Domestic .....	2,081,274 <sup>F</sup>	2,229,906	21,252	4,919
27	Farm(1) .....	71,754	80,156	-	-
28	Street lighting .....	80,783	90,717	976	151
29	Total sales to ultimate customers (23 + 24 + 25 + 26 + 27 + 28) .....	10,957,912 <sup>F</sup>	8,304,359	143,204	11,514
30	Unallocated energy(2) .....	1,082,360 <sup>F</sup>	1,233,932	9,529	2,029
31	Distribution by non-respondents .....	498,643	517,425	1,679	249
32	Total disposal of energy (18 + 22 + 29 + 30 + 31) .....	12,848,525 <sup>F</sup>	13,906,064	251,126	13,792

(1) Many utilities cannot distinguish between domestic and farm, as they do not keep separate records

(2) Includes losses, unaccounted for, and cyclical billing adjustment.

(3) Amount used in own plant is included in firm and secondary power sales in 1965.

TABLE 1. Preliminary Electric Energy Statistics

December 1966									
Nova Scotia	New-Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Yukon and N.W.T.	No.
thousand kwh.									
52,942	125,819	6,039,920	3,483,675	605,785	73,242	110,940	1,561,140	27,333	1
190,511	198,549	50,877	1,032,143	13,463	310,746	507,621	289,303	3,127	2
243,453	324,368	6,090,797	4,515,818	619,248	383,988	618,561	1,850,443	30,460	3
8,789	9,167	21,901	638,252	51,676	36,182	103	1,028	-	4
-	323	93	285,879	-	-	-	88,298	-	5
8,789	9,490	21,994	924,131	51,676	36,182	103	89,326	-	6
-	-	331,784	-	10,930	51,158	1,028	103	-	7
5,664	8,789	309,371	14,288	25,852	24	-	-	-	8
-	20,212	1,422	32,830	-	-	-	254	-	9
-	9,086	1,794	300,111	-	-	-	74,047	-	10
5,664	38,087	644,371	347,229	36,782	31,182	1,028	74,404	-	11
246,578	295,771	5,468,420	5,092,720	634,142	368,988	617,636	1,865,365	30,460	12
-	97	359,062	27,681	16,770	700	-	38,143	6,523	13
246,578	295,674	5,109,358	5,065,039	617,372	368,288	617,636	1,827,222	23,937	14

TABLE 2. Supply and Disposal of Electric Energy

October 1966									
Nova Scotia	New-Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Yukon and N.W.T.	No.
thousand kwh.									
35,314	88,149	3,549,939	2,766,914	506,957	94,477	94,149	613,568	19,283	1
197,115	136,881	14,414	1,120,494	11,941	195,308	392,579	349,159	2,493	2
232,429	225,030	3,564,353	3,887,408	518,898	289,785	486,728	962,727	21,776	3
2,121	2,792	1,872,017	143,160	4,520	6,770	-	821,127	3,675	4
18,514	51,219	31,919	80,583	43	10,013	32,674	84,113	-	5
20,635	54,011	1,903,936	223,743	4,563	16,783	32,674	905,240	3,675	6
37,435	90,941	5,421,956	2,910,074	511,477	101,247	94,149	1,434,695	22,958	7
215,629	188,100	46,333	1,201,077	11,984	205,321	425,253	433,272	2,493	8
253,064	279,041	5,468,289	4,111,151	523,461	306,568	519,402	1,867,967	25,451	9
6,085	40,890	14,205 <sup>†</sup>	517,909 <sup>†</sup>	49,730	37,488	97	1,355	-	10
-	421	74	223,158	-	-	-	63,099	-	11
6,085	41,311	14,279 <sup>†</sup>	741,067 <sup>†</sup>	49,730	37,488	97	64,454	-	12
259,149	320,352	5,482,568	4,852,218	573,191	344,056	519,499	1,932,421	25,451	13
15,201	-	331,679 <sup>†</sup>	-	819	49,306	1,355	97	-	14
18,060	6,085	188,042 <sup>†</sup>	7,538 <sup>†</sup>	42,486	-	-	-	-	15
-	14,700	1,267	32,916	-	-	-	222	-	16
-	11,072	1,938	247,016	-	-	-	110,884	-	17
33,261	31,857	522,926 <sup>†</sup>	287,470 <sup>†</sup>	43,305	49,313	1,355	111,203	-	18
225,888	288,495	4,959,642	4,564,748	529,886	294,743	518,144	1,821,218	25,451	19
27,551	100,809	1,462,711	484,581	49,589	14,380	42,683	921,032	2,856	20
-	1,874	175,530	13,827	10,497	1,242	-	31,106	435	21
27,551	102,683	1,638,241	498,408	60,086	15,622	42,683	952,138	3,291	22
56,522	91,825	1,780,557	1,781,704	194,176	113,178	177,560	296,339	10,365	23
4,216 <sup>†</sup>	6,765 <sup>†</sup>	131,272	33,556 <sup>†</sup>	4,510 <sup>†</sup>	-	428 <sup>†</sup>	-	3,991 <sup>†</sup>	24
41,051	25,330	212,926	466,298	61,967	24,812	76,739	178,141	1,932	25
51,579	41,589	650,848	949,063	128,492	55,359	85,897	239,710	1,198	26
-	-	-	-	25,586	27,042	27,528	-	-	27
2,054	1,750	24,187	29,056	6,698	6,245	9,892	9,640	68	28
155,422	167,259	2,799,790	3,259,677	421,429	226,636	378,044	723,830	17,554	29
27,597	15,514	471,960	393,227	48,371	49,077	88,371	124,755	3,502	30
15,318	3,039	49,651	413,436	-	3,408	9,046	20,495	1,104	31
259,149	320,352	5,482,568	4,852,218	573,191	344,056	519,499	1,932,421	25,451	32

... Figures not appropriate or not applicable.



TABLE 3. Cumulative Preliminary Electric Energy Statistics  
January - December 1966

No.		Canada 1965	Canada	Newfound- land	Prince Edward Island
			thousand kwh.		
1	Net generation - Hydro .....	116,709,362 <sup>r</sup>	130,063,925 <sup>r</sup>	2,593,475	-
2	Thermal .....	26,455,777 <sup>r</sup>	27,619,183 <sup>r</sup>	261,830	155,167
3	Total net generation (1 + 2) .....	143,165,139 <sup>r</sup>	157,683,108 <sup>r</sup>	2,855,305	155,167
	Energy received from other provinces and imported:				
4	Received from other provinces .....	...	...	-	-
5	Imported from United States .....	3,577,639	3,057,315	-	-
6	Total received from other provinces and imported (4 + 5) .....	3,577,639	3,057,315	-	-
	Energy delivered to other provinces and exported:				
7	Delivered to other provinces - Firm .....	...	...	54,512 <sup>r</sup>	-
8	Secondary .....	...	...	26,064 <sup>r</sup>	-
9	Exported to United States - Firm .....	634,691	613,869	-	-
10	Secondary .....	2,935,541	3,695,917 <sup>r</sup>	-	-
11	Total delivered to other provinces and exported (7 + 8 + 9 + 10) .....	3,570,232	4,309,786 <sup>r</sup>	80,576 <sup>r</sup>	-
12	Total made available for use in Canada (3 + 6 - 11) ....	143,172,546	156,430,637 <sup>r</sup>	2,774,729 <sup>r</sup>	155,167
13	Secondary energy used in Canada(1) .....	3,929,019 <sup>r</sup>	4,124,318 <sup>r</sup>	925	12,299 <sup>r</sup>
14	Firm energy made available for use in Canada (12 - 13) .....	139,243,527 <sup>r</sup>	152,306,319 <sup>r</sup>	2,773,804 <sup>r</sup>	142,868 <sup>r</sup>

(1) Includes secondary energy used in own plant and sold to ultimate customers.

TABLE 4. Cumulative Supply and Disposal of Electric Energy  
January - October 1966

No.		Canada 1965	Canada	Newfound- land	Prince Edward Island
			thousand kwh.		
	<u>Supply of electric energy</u>				
	Net generation:				
1	Utilities - Hydro .....	71,038,649	81,182,765	1,760,085	-
2	Thermal .....	18,346,443	19,170,934	156,994	124,445
3	Totals (1 + 2) .....	89,385,092	100,353,699	1,917,079	124,445
4	Industry - Hydro .....	23,890,477	25,104,199	397,694	-
5	Thermal .....	3,224,105	3,126,054	53,164	-
6	Totals (4 + 5) .....	27,114,582	28,230,253	450,858	-
7	Grand total - Hydro (1 + 4) .....	94,929,126	106,286,964	2,157,779	-
8	Thermal (2 + 5) .....	21,570,548	22,296,988	210,158	124,445
9	Total net generation (7 + 8) .....	116,499,674	128,583,952	2,367,937	124,445
	Energy received from other provinces and imported:				
10	Received from other provinces .....	...	...	-	-
11	Imported from United States .....	3,100,099	2,400,801	-	-
12	Total received from other provinces and imported (10 + 11) .....	3,100,099	2,400,801	-	-
13	Total supply of energy (9 + 12) .....	119,599,773	130,984,753	2,367,937	124,445
	<u>Disposal of electric energy</u>				
	Energy delivered to other provinces and exported:				
14	Delivered to other provinces - Firm .....	...	...	43,873	-
15	Secondary .....	...	...	20,550	-
16	Exported to United States - Firm .....	533,668 <sup>r</sup>	502,600	-	-
17	Secondary .....	2,438,487 <sup>r</sup>	2,910,192 <sup>r</sup>	-	-
18	Total delivered to other provinces and exported (14 + 15 + 16 + 17) .....	2,972,155	3,412,792 <sup>r</sup>	64,423	-
19	Total made available for use in Canada (13 - 18) ....	116,627,618	127,571,961	2,303,514	124,445
20	Energy used in own plant - Firm .....	...(3)	30,638,390	895,666	-
21	Secondary .....	...(3)	1,619,971	-	-
22	Total used in own plant (20 + 21) .....	...(3)	32,258,361	895,666	-
	Sales to ultimate customers:				
23	Power - Firm .....	68,202,265	44,178,063	990,349	2,279
24	Secondary .....	2,888,257	1,645,999	493	12,299
25	General service (commercial) .....	10,166,224	10,950,022	78,994	45,344
26	Domestic .....	21,252,516 <sup>r</sup>	23,044,959	218,313	49,415
27	Farm(1) .....	921,846	990,962	-	-
28	Street lighting .....	739,688	801,682	8,164	1,503
29	Total sales to ultimate customers (23 + 24 + 25 + 26 + 27 + 28) .....	104,170,796 <sup>r</sup>	81,611,687	1,296,313	110,840
30	Unallocated energy(2) .....	7,872,856 <sup>r</sup>	8,712,116	98,997	11,394
31	Distribution by non-respondents .....	4,583,966	4,989,797 <sup>r</sup>	12,538	2,211
32	Total disposal of energy (18 + 22 + 29 + 30 + 31) .....	119,599,773	130,984,753	2,367,937	124,445

(1) Many utilities cannot distinguish between domestic and farm, as they do not keep separate records

(2) Includes losses, unaccounted for, and cyclical billing adjustment.

(3) Amount used in own plant is included in firm and secondary power sales in 1965.

TABLE 3. Cumulative Preliminary Electric Energy Statistics

January - December 1966

Nova Scotia	New-Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Yukon and N.W.T.	No.
thousand kwh.									
439,418	1,182,892 <sup>r</sup>	62,453,956 <sup>r</sup>	37,024,605 <sup>r</sup>	6,040,553	1,681,790	1,425,419	16,950,619 <sup>r</sup>	271,198	1
2,411,682	2,017,863 <sup>r</sup>	499,252 <sup>r</sup>	11,389,464	96,514	2,246,326	4,673,420	3,838,344	29,321	2
2,851,100	3,200,755 <sup>r</sup>	62,532,208 <sup>r</sup>	48,414,069 <sup>r</sup>	6,137,067	3,928,116	6,098,839	20,788,963 <sup>r</sup>	300,519	3
58,872	306,898	167,875 <sup>r</sup>	6,262,777 <sup>r</sup>	625,730	306,627	24,927	18,431	-	4
-	11,303	911	2,339,536	-	-	-	705,565	-	5
58,872	318,201	168,786 <sup>r</sup>	8,602,313 <sup>r</sup>	625,730	306,627	24,927	723,996	-	6
123,802	-	3,861,328 <sup>r</sup>	-	19,412	613,351	18,431	24,927	-	7
123,964	58,911	2,446,331 <sup>r</sup>	97,720 <sup>r</sup>	301,465	1,919	-	-	-	8
-	203,741	14,256	393,076	-	-	-	2,796 <sup>r</sup>	-	9
-	107,454	11,616	2,853,632	-	-	-	723,215 <sup>r</sup>	-	10
247,766	370,106	6,333,531 <sup>r</sup>	3,344,428 <sup>r</sup>	320,877	615,270	18,431	750,938 <sup>r</sup>	-	11
2,662,206	3,148,850 <sup>r</sup>	56,788,463 <sup>r</sup>	53,671,954 <sup>r</sup>	6,441,920	3,619,473	6,105,335	20,762,021 <sup>r</sup>	300,519	12
31,347	102,144 <sup>r</sup>	2,731,765 <sup>r</sup>	627,869 <sup>r</sup>	212,251 <sup>r</sup>	14,095 <sup>r</sup>	4,138 <sup>r</sup>	334,329	53,156 <sup>r</sup>	13
2,630,859	3,046,706 <sup>r</sup>	54,056,698 <sup>r</sup>	53,044,085 <sup>r</sup>	6,229,669 <sup>r</sup>	3,605,378 <sup>r</sup>	6,101,197 <sup>r</sup>	20,427,692 <sup>r</sup>	247,363 <sup>r</sup>	14

TABLE 4. Cumulative Supply and Disposal of Electric Energy

January - October 1966

Nova Scotia	New-Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Yukon and N.W.T.	No.
thousand kwh.									
322,527	868,410	34,979,618	28,949,934	4,826,754	1,463,999	1,203,003	6,628,744	179,691	1
1,853,703	1,171,202	85,786	8,489,808	74,388	1,575,402	3,396,700	2,219,247	23,259	2
2,176,230	2,039,612	35,065,404	37,439,742	4,901,142	3,039,401	4,599,703	8,847,991	202,950	3
17,648	46,930	15,826,743	1,367,802	50,064	63,930	-	7,294,076	39,312	4
185,883	476,762	304,470	800,261	138	92,982	317,688	894,706	-	5
203,531	523,692	16,131,213	2,168,063	50,202	156,912	317,688	8,188,782	39,312	6
340,175	915,340	50,806,361	30,317,736	4,876,818	1,527,929	1,203,003	13,922,820	219,003	7
2,039,586	1,647,964	390,256	9,290,069	74,526	1,668,384	3,714,388	3,113,953	23,259	8
2,379,761	2,563,304	51,196,617	39,607,805	4,951,344	3,196,313	4,917,391	17,036,773	242,262	9
41,177	287,996	124,122	5,059,919	526,998	234,564	24,716	16,446	-	10
-	10,103	742	1,841,494	-	-	-	548,462	-	11
41,177	298,099	124,864	6,901,413	526,998	234,564	24,716	564,908	-	12
2,420,938	2,861,403	51,321,481	46,509,218	5,478,342	3,430,877	4,942,107	17,601,681	242,262	13
123,802	-	3,210,607	-	7,315	515,645	16,446	24,716	-	14
113,516	41,216	1,888,495	69,129	238,744	1,884	-	-	-	15
-	160,303	11,508	328,480	-	-	-	2,309	-	16
-	91,292	8,903	2,288,681	-	-	-	521,316 <sup>r</sup>	-	17
237,318	292,811	5,119,513	2,686,290	246,059	517,529	16,446	548,341 <sup>r</sup>	-	18
2,183,620	2,568,592	46,201,968	43,822,928	5,232,283	2,913,348	4,925,661	17,053,340	242,262	19
257,009	900,728	13,983,257	4,717,430	518,341	127,538	414,654	8,789,675	34,092	20
-	41,918	1,058,099	166,866	69,378	12,395	266,052	266,052	5,263	21
257,009	942,646	15,041,356	4,884,296	587,719	129,933	414,654	9,055,727	39,355	22
577,517	754,756	17,274,362	16,972,631	1,881,872	1,096,275	1,802,118	2,727,732	98,172	23
31,347	59,539	984,761	408,089	105,017	-	4,138	-	40,316	24
418,751	249,424	2,187,656	4,569,928	646,754	259,284	747,671	1,722,070	24,146	25
553,555	417,803	7,044,213	9,422,678	1,299,485	609,709	946,443	2,466,079	17,266	26
-	-	-	-	313,865	345,924	331,173	-	-	27
18,632	16,606	233,169	280,899	53,602	26,213	81,098	81,358	438	28
1,599,802	1,498,128	27,724,161	31,654,225	4,300,595	2,337,405	3,912,641	6,997,239	180,338	29
180,583	102,439	2,954,123	3,276,887	343,969	403,178	511,154	816,676	12,716	30
146,226	25,379	482,328	4,007,520	-	32,832	87,212 <sup>r</sup>	183,698 <sup>r</sup>	9,853	31
2,420,938	2,861,403	51,321,481	46,509,218	5,478,342	3,430,877	4,942,107	17,601,681	242,262	32

... Figures not appropriate or not applicable.

TABLE 5. Supply of Electric Energy  
January - December 1966

Month	Total net generation	Imports from United States	Exports to United States	Net energy made available in Canada	Secondary energy used in Canada	Firm energy made available in Canada	Daily average, total net generation
thousand kwh.							
January .....	13,966,466	245,055	311,392	13,900,129	330,590 <sup>r</sup>	13,569,539 <sup>r</sup>	450,531
February .....	12,612,938	213,019	278,318	12,547,639	325,436 <sup>r</sup>	12,222,203 <sup>r</sup>	450,462
March .....	13,596,765	215,900	304,959	13,507,706	361,999 <sup>r</sup>	13,145,707 <sup>r</sup>	438,605
April .....	12,572,342 <sup>r</sup>	176,750	309,433	12,439,659 <sup>r</sup>	283,095 <sup>r</sup>	12,156,564 <sup>r</sup>	419,078 <sup>r</sup>
May .....	12,817,444 <sup>r</sup>	191,092	327,780	12,680,756 <sup>r</sup>	264,119	12,416,637 <sup>r</sup>	413,465 <sup>r</sup>
June .....	12,261,412	223,435	349,640	12,135,207	247,069	11,888,138	408,714
July .....	11,827,215	312,122	329,833	11,809,504	221,325	11,588,179 <sup>r</sup>	381,523
August .....	12,684,152	315,681	388,899 <sup>r</sup>	12,610,934 <sup>r</sup>	423,545	12,187,389 <sup>r</sup>	409,166
September .....	12,625,906	220,995	392,523	12,454,37 <sup>r</sup>	387,917	12,066,461	420,864
October .....	13,619,312	286,752	420,015	13,486,049	420,875 <sup>r</sup>	13,065,174 <sup>r</sup>	439,333
November .....	14,161,637	281,921	457,238	13,986,320	408,940	13,577,380	472,055
December .....	14,937,519	374,593	439,756	14,872,356	449,408	14,422,948	481,855
Year .....	157,683,108	3,057,315	4,309,786	156,430,637	4,124,318	152,306,319	432,008

<sup>r</sup> Revised figures.

TABLE 6. Sales of Electric Energy to Ultimate Customers  
January - October 1966

Year and month	Domestic	Farm(1)	General service (commercial)	Firm power(2)	Secondary power(2)	Total power(2)	Street lighting	Total sales to ultimate customers
thousand kwh.								
1964 .....	23,934,160	945,237	11,082,698	76,994,091	3,415,366	80,409,457	835,158	117,206,710
1965 .....	25,795,091	1,092,482	12,398,338	82,854,369	3,809,402	86,663,771	917,637	126,867,319
1966 - January .....	2,734,289 <sup>r</sup>	98,297	1,185,047 <sup>r</sup>	7,469,125 <sup>r</sup>	330,590 <sup>r</sup>	7,799,715 <sup>r</sup>	91,436	11,908,784 <sup>r</sup>
February .....	2,752,889	130,008	1,182,269 <sup>r</sup>	7,017,869 <sup>r</sup>	325,436 <sup>r</sup>	7,343,305 <sup>r</sup>	85,192	11,493,663
March .....	2,661,065	125,056	1,139,475 <sup>r</sup>	7,520,030 <sup>r</sup>	361,999 <sup>r</sup>	7,882,029 <sup>r</sup>	82,066	11,889,691
April .....	2,495,740	115,033	1,125,901 <sup>r</sup>	7,455,638 <sup>r</sup>	283,095 <sup>r</sup>	7,738,733 <sup>r</sup>	78,366	11,553,773 <sup>r</sup>
May .....	2,300,705	105,414	1,071,759	7,623,134	264,119	7,887,253	74,375	11,439,506
June .....	2,152,058	91,373	1,085,142	7,479,711	247,069	7,726,780	69,662	11,125,015
July .....	1,976,531	83,939	1,028,990	7,377,258	221,325	7,598,583	71,512	10,759,555
August .....	1,817,547	82,778	1,019,842	7,533,358	423,545	7,956,903	76,495	10,953,565
September .....	1,924,228	78,908	1,052,264	7,486,274	387,917	7,874,191	81,801	11,011,452
October .....	2,229,906	80,156	1,101,765	7,811,273	420,875 <sup>r</sup>	8,232,148	90,717	11,734,692
November .....								
December .....								
Year .....								

(1) Many utilities cannot distinguish between domestic and farm, as they do not keep separate records.

(2) Includes sales to industrial establishments with generating facilities.

<sup>r</sup> Revised figure.

TABLE 7. Net Generation, 1961-66

CANADA							
Year and month	Utilities			Industry			Grand total
	Hydro	Thermal	Total	Hydro	Thermal	Total	
	thousand kwh.						
1961 .....	82,014,614	7,049,079	89,063,693	21,660,132	2,497,588	24,157,720	113,221,413
1962 .....	80,861,406	10,781,660	91,643,066	22,789,817	2,570,288	25,360,105	117,003,171
1963 .....	80,214,421	15,428,726	95,643,147	23,102,958	2,811,630	25,914,588	121,557,735
1964 .....	84,888,835	17,588,035	102,476,870	28,336,790	3,478,537	31,815,327	134,292,197
1965 .....	87,490,735	22,572,614	110,063,349	29,218,627 <sup>r</sup>	3,883,163 <sup>r</sup>	33,101,790 <sup>r</sup>	143,165,139 <sup>r</sup>
1966 - January .....	8,617,208	2,413,701	11,030,909	2,603,539	332,018	2,935,557	13,966,466
February .....	7,774,154	2,139,397	9,913,551	2,385,020	314,367	2,699,387	12,612,938
March .....	8,657,761	2,073,002	10,730,763	2,519,641	346,361	2,866,002	13,596,765
April .....	8,179,134	1,710,804	9,889,938	2,376,532 <sup>r</sup>	305,872 <sup>r</sup>	2,682,404 <sup>r</sup>	12,572,342 <sup>r</sup>
May .....	8,596,917	1,484,828	10,081,745	2,431,209 <sup>r</sup>	304,490	2,735,699 <sup>r</sup>	12,817,444 <sup>r</sup>
June .....	8,223,073	1,387,164	9,610,237	2,343,914	307,261	2,651,175	12,261,412
July .....	7,712,867	1,461,117	9,173,984 <sup>r</sup>	2,361,749	291,482	2,653,231	11,827,215
August .....	8,044,707	1,735,279	9,779,986	2,584,192	319,974	2,904,166	12,684,152
September .....	7,426,347	2,308,549	9,734,896	2,601,676	289,332	2,891,010	12,625,906
October .....	7,950,597	2,457,093	10,407,690	2,896,725	314,897	3,211,622	13,619,312
November .....	8,650,390	2,367,968	11,018,358	2,825,116	318,163	3,143,279	14,161,637
December .....	9,431,146	2,303,778	11,734,924	2,870,309	332,286	3,202,595	14,937,519

<sup>r</sup> Revised figures.



















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